

NPS55HJ72111A

NAVAL POSTGRADUATE SCHOOL

Monterey, California



PRECURSORY

DEFENSE CONTAINERIZATION PROJECTS DIRECTORY

by

JAMES P. HYNES

November 1972

Approved for public release; distribution unlimited.

NAVAL POSTGRADUATE SCHOOL
Monterey, California

Rear Admiral M. B. Freeman
Superintendent

M. U. Clauser
Provost

ABSTRACT:

Containerized cargo movements on land, sea, and air are having significant impacts on the logistical plans and programs of DoD and private industry. This project provides up-to-date information on certain projects and personnel related to DoD containerization interests. The directory is also designed to cross-reference projects, personnel, and activities. It is intended to aid in identifying common areas of interest, pin-point sources of information, and promote the coordination of containerization activities.

This task was supported by the Naval Supply Systems Command. Research and Development Branch under Work Request 1-5058.

Prepared by:

THIS REPORT IS AN UNOFFICIAL COMPILATION OF NAMES AND
ACTIVITIES. THIS DOCUMENT MUST NOT BE CONSTRUED AS HAVING
IDENTIFIED ALL CONTAINERIZATION ACTIVITIES IN DOD.

OMISSIONS AND ERRORS HAVE UNDOUBTEDLY OCCURRED; BUT IN
ORDER TO ENHANCE COMMUNICATION IN THE CONTAINERIZATION AREA,
THIS DIRECTORY HAS BEEN COMPLETED FOR INFORMATIONAL PURPOSES.

PREFACE

Introduction

Containerized cargo movements on land, sea, and air are having significant impacts on the logistical plans and programs of DOD and private industry. This directory provides up-to-date information on those projects and personnel related to DOD containerization interests. In addition, the directory is designed to cross-reference all projects, personnel, and activities. It is intended to aid in identifying common areas of interest, pin-point sources of information, and promote the coordination of containerization activities.

For the most part, information in the directory was obtained through informal questionnaires, and therefore, is only an informal compilation which in no way expresses official recognition of containerization activities. Furthermore, some of the documents identified herein do not have official status and should not be construed to represent approved DOD policies; also, implicit restrictions on the distribution of some of these documents must be respected.

The data in the directory has been "computerized" for purposes of cross-referencing project and personnel names. Basic data is on punched cards; a computer program scans this data for project and personnel names, and arranges them in alphabetical order. The punched card approach simplifies up-dating for future publication.

Organization of the Directory

The directory is organized into six sections; each of these sections is explained below.

Section I

Section I lists activities/organizations and the names of their personnel involved with containerization. Each name entry typically contains the following information:

1. phone number(s),
2. official titles,
3. division and/or mail code,
4. projects with which the individual is involved,
5. a brief description of the individual's containerization activities.

Section I of the directory is arranged according to activities in each defense service, other government agencies, and commercial firms.

Section II

Section II alphabetically lists major projects referenced in the directory, and provides a brief description of each.

Section III

Section III alphabetically lists additional names and points of contact which, due to time constraints, have not been contacted and categorized in Section I of the directory.

Section IV

Section IV is a project index which alphabetically lists all project titles referenced in the directory, and identifies the location of entries which made reference to the project. Basically, this part of the directory links together much of the information contained in this study, and therefore, is of key importance when pursuing information about projects.

Section V

Section V is a name index which lists names of personnel alphabetically, and specifies the locations of these names in the body of the directory.

Section VI

Section VI is a classification of projects. The groupings were developed in order to provide a means for identifying inter-related projects, studies, etc.

A Note on the Structure of the Computer Card Files and Programs

Sections I and II of the directory are printed from a master card file. The card file is structured in much the same fashion as is the listed information. The data is punched in variable length fields, and the fields are marked by special characters. The computer program separates, sequences, inserts headings, and prints the data in a standard format for each entry. Also the program extracts personnel and project names from the data for sorting and printing in Sections IV and V.

ACKNOWLEDGMENTS

This directory was brought to fruition through the efforts of many people. The author wishes to extend his appreciation for the many contributions.

A special thanks to Charles Emberger, Container Systems, NSUP-0513E, for his initial ground work that fostered the development of the project, and for his continued support in editing and distributing the directory. Also, a thanks to Herbert Lieberman, Research and Development Staff, NSUP-06, for making this study possible.

TABLE OF CONTENTS

Section I

I. Office of the Secretary of Defense	1
II. Department of the Air Force	2
III. Department of the Army	6
IV. Marine Corps	15
V. Department of the Navy	17
VI. Department of Defense (miscellaneous).	29
VII. Government Agencies Outside of DoD	32
VIII. Civilian Firms and Associations	33

Section II

Project and Descriptions	41
------------------------------------	----

Section III

Additional Points of Contact (not categorized)	56
--	----

Section IV

Project Index	63
-------------------------	----

Section V

Name Index	73
----------------------	----

Section VI

Project Classifications

I. Container Systems	
A. General Strategic Capabilities	80
B. Amphibious Logistics Systems	80
C. Underway Replenishment Systems	80
D. Field Support Systems	81
E. Containerized Ammunition Delivery Systems	81
F. Bibliographies	81
G. Container System Studies (NOC)	81
H. Container Related Studies (NOC)	81
II. Specialized Container Studies	
A. Materials Handling	82
B. Packaging	82
C. Handling and Transport of Single Containers	
1. Field Environment	82
2. Over-the-shore/Undeveloped Terminal Environment	82
3. Underway Replenishment Environment	83
4. Developed Terminal Environment	83
D. Container Carriers	
1. Air	83
2. Water	83
3. Amphibious	83

E. Container Technology	
1. Configuration	84
2. Construction/Composition	84
F. Facility/Shelter Containers	84
III. Project Offices/Panels/Committees	84

S E C T I O N I

FILE HEADING: DEPARTMENT OF DEFENSE

SECRETARY OF DEFENSE

INSTALLATIONS AND LOGISTICS
OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
WASHINGTON, D.C. 20301

PROJECT: SURFACE CONTAINER SYSTEMS MANAGEMENT - LOGISTICS SYSTEMS
PLANNING COMMITTEE

PROJECT: LOGISTIC SUPPORT IN THE VIETNAM ERA. MONOGRAPH 7 -
CONTAINERIZATION

NAME: CAPUTO, V.
TITLE: DIRECTOR OF TRANSPORTATION AND WAREHOUSING POLICY
PHONE: COMMERCIAL 202-0X7-7191
PROJECTS: DOD CONTAINER-SUPPORTED DISTRIBUTION SYSTEMS DEVELOPMENT
OWNERSHIP AND USE OF CONTAINERS FOR SURFACE
TRANSPORTATION (DOD INSTRUCTION)

NAME: UHRICH, MARION H. (MR)
TITLE: STAFF DIRECTOR TRANSPORTATION PLANS AND PROGRAMS DIVISION
PHONE: COMMERCIAL 202-0X7-7287
PROJECTS: LOGISTICS SYSTEMS POLICY COMMITTEE STEERING GROUP FOR
CONTAINERIZATION

NAME: STRYKER, R. F. (MR)
PHONE: COMMERCIAL 202-0X7-6551
PROJECTS: RESUPPLY IN PEACE AND WAR BY C-5 AIRLIFT AND BY
CONTAINERSHIP

LOGISTICS DIRECTORATE (J-4)
OFFICE OF THE JOINT CHIEFS OF STAFF
WASHINGTON, DC 20301

NAME: HAWKINS, WILLIAM H. (CAPT, USN)
TITLE: ACTION OFFICER
PHONE: COMMERCIAL 202-0X7-6085

ACTIVITIES: OJCS MONITOR FOR MILITARY CONTAINER EFFORTS.

NAME: WARRING, L. B. (CDR)
TITLE: MSC LIAISON OFFICER
PHONE: COMMERCIAL 202-0X7-9923

FILE HEADING: AIR FORCE

DIRECTORATE OF TRANSPORTATION
DEPUTY CHIEF OF STAFF (SYSTEMS AND LOGISTICS)
BOLLING AFB
WASHINGTON, DC 20332
PHONE: AUTOVON 223 + EXT
COMMERCIAL 202-0X3 + EXT

NAME: CASEY, M. F. (MGEN)
TITLE: DIRECTOR OF TRANSPORTATION
DIV/DEPT: HQ USAF/LGT
PHONE: 5650

ACTIVITIES: CHAIRMAN OF THE 'LOGISTICS SYSTEMS POLICY COMMITTEE
STEERING GROUP FOR CONTAINERIZATION'.

NAME: CLARKE, R. C. (COL)
TITLE: DEPUTY DIRECTOR OF TRANSPORTATION
PHONE: 5651

NAME: COLLINS, J. W. (COL)
DIV/DEPT: TRANSPORTATION SYSTEMS EVALUATION OFFICE
PHONE: 5144
PROJECTS: SURFACE CONTAINER-SUPPORTED DISTRIBUTION SYSTEMS
DEVELOPMENT PROJECT

NAME: OLIVE, H. S. (COL)
TITLE: CHIEF, CARGO DIVISION
DIV/DEPT: CARGO DIVISION
PHONE: 5130

NAME: BOWERS, HURST G. (COL)
TITLE: CHIEF, TRANSPORTATION SUPPORT AND SERVICES DIVISION
DIV/DEPT: TRANSPORTATION SUPPORT AND SERVICES DIVISION
HQ USAF/LGTN
PHONE: 7230

ACTIVITIES: CHAIRMAN 'LAND-AIR-LAND CONTAINER TASK GROUP'.

NAME: SEY, JAMES (LTC)
TITLE: TRANSPORTATION STAFF OFFICER (AERIAL PORTS)
DIV/DEPT: TRANSPORTATION SUPPORT AND SERVICES DIVISION
HQ USAF/LGTN
PHONE: 7230

ACTIVITIES: AF/LGTN PARTICIPATING MEMBER OF JOINT 'LAND-AIR-LAND
CONTAINER TASK GROUP'.
TEST DIRECTOR OF MAC '463L CONTAINER TEST PROGRAM'.
(JAN 1971 - JULY 1971.)

NAME: PEOPLES, P. L. (LTCOL)
DIV/DEPT: PACKAGING AND MATERIAL HANDLING
TRANSPORTATION SUPPORT AND SERVICES DIVISION
PHONE: 7230

HEADQUARTERS, AIR FORCE SYSTEMS COMMAND / LGT
ANDREWS AFB
WASHINGTON, DC 20331
PHONE: COMMERCIAL 301-981 + EXT
AUTOVON 858 + EXT

NAME: SHIMEK, JOSEPH F. , JR. (MR)
TITLE: DIRECTOR OF TRANSPORTATION
DIV/DEPT: DIRECTORATE OF TRANSPORTATION
PHONE: 3205

ACTIVITIES: COMMAND ADVISOR ON 'LAND-AIR-LAND CONTAINER TASK
GROUP'. CHAIRMAN 'JTCC/CONTAINERIZATION'. AFSC REPRESENTATIVE
ON JOINT SERVICE 'INTERMODAL MODULAR CONTAINER DEVELOPMENT
PROJECT'.

NAME: BROWN, ORLIN R. (MR)
TITLE: ACTING CHIEF TRAFFIC MANAGEMENT DIVISION
DIV/DEPT: TRAFFIC MANAGEMENT DIVISION
PHONE: 3205

ACTIVITIES: ALTERNATE MEMBER TO ACTIVITIES LISTED UNDER MR.
SHIMEK.

HEADQUARTERS, AIR FORCE SYSTEMS COMMAND / SDML
ANDREWS AFB
WASHINGTON, DC 20331

NAME: LEONARD, HOWARD R. (MR)
TITLE: MECHANICAL ENGINEER
PHONE: COMMERCIAL 301-981-2471
AUTOVON 858-2471
IDS 185-2471

ACTIVITIES: PROVIDES USAF 'AIR TRANSPORTABILITY APPROVAL FOR
CONTAINERS' IN THEIR AIR MOVEMENT CONFIGURATION. SCHEDULES AND
COORDINATES ALL 'CONTAINER TEST LOADINGS ABOARD USAF AIRCRAFT',
AND INSURES DEVELOPMENT OF NECESSARY AIRCRAFT TECHNICAL ORDERS
OPERATIONAL SUPPLIMENTS FOR SUBSEQUENT MOVEMENT. MEMBER OF USAF
'LAND-AIR-LAND CONTAINER WORKING GROUP'. MEMBER OF USAF
'LAND-AIR-LAND CONTAINER TASK GROUP'. SCHEDULED 'AIR
TRANSPORTABILITY TESTS OF MILVANS AND DOW CONTAINERS'. AIRFORCE
REPRESENTATIVE AT DEPT OF ARMY 'STRUCTURAL TESTS OF MILVAN'.

DIRECTORATE OF PACKAGING
DCS/DISTRIBUTION
AIR FORCE LOGISTICS COMMAND
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433
PHONE: COMMERCIAL 513-257 + EXT
AUTOVON 787 + EXT

PROJECT: PACKAGING PROGRESS TOWARD A 21ST CENTURY LOGISTICS SYSTEM
IN THE 70S

NAME: MCILWAIN, K. (LTCOL)
TITLE: CHIEF, POLICY DIVISION
DIV/DEPT: POLICY DIVISION
HQ AFLC/DSPX
PHONE: 2638

ACTIVITIES: PAST CHAIRMAN AND CURRENT HQ AFLC MEMBER OF THE 'JOINT
TECHNICAL COORDINATING GROUP FOR CONTAINERIZATION'.
MONITORED TWO CONTRACTOR PERFORMED PARAMETRIC STUDY
EFFORTS IN SUPPORT OF HQ USAF MOBILITY SUPPORT FORCES STUDY.
THESE EFFORTS STUDIED THE EFFECTS OF MATERIALS AND DESIGN
CONSIDERATIONS ON COST, TARE WEIGHT, AND USABLE VOLUME OF FULL
SIZE AND MODULAR CONTAINERS. REFERENCES.. 'MODULAR/INTERMODAL
CONTAINER PARAMETRIC STUDY' (AD 725099), AND 'AIRLIFT CONTAINER
PARAMETRIC STUDY' (AD 722094).

DIRECTORATE OF PACKAGING DESIGN DIVISION
DCS/DISTRIBUTION
AIR FORCE LOGISTICS COMMAND
WRIGHT-PATTERSON AFB, OHIO 45433
PHONE: COMMERCIAL 513-257 + EXT
AUTOVON 787 + EXT

NAME: GARDNER, THOMAS P. (MR)
TITLE: MECHANICAL ENGINEER
DIV/DEPT: HQ AFLC (DSPD)
PHONE: 3362, 3120
PROJECTS: MODULAR/INTERMODAL CONTAINER PARAMETRIC STUDY
AIRLIFT CONTAINER PARAMETRIC STUDY

ACTIVITIES: ALTERNATE AFLC MEMBER 'JTCG/CONTAINERIZATION'.

DIRECTORATE OF TRANSPORTATION
DCS/DISTRIBUTION
AIR FORCE LOGISTICS COMMAND
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433
PHONE: COMMERCIAL 513-257 + EXT
AUTOVON 787 + EXT

NAME: WITTMAYER, A. R. (MR)
TITLE: CHIEF, VEHICLES AND REQUIREMENTS DIVISION
DIV/DEPT: VEHICLES AND REQUIREMENTS DIVISION
PHONE: 7112, 7549

ACTIVITIES: MEMBER OF THE AD HOC COMMITTEE TO DEVELOP AN AIR FORCE
CONCEPT PAPER REGARDING 'SURFACE AND LAND-AIR-LAND CONTAINER
SUPPORTED DISTRIBUTION SYSTEMS' (MARCH 1972). OPR FOR
DEVELOPMENT OF AN 'AMMUNITION CONTAINER STUDY' (MARCH 1972).

AERONAUTICAL SYSTEMS DIVISION
AIR FORCE SYSTEMS COMMAND
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433
PHONE: COMMERCIAL 981-5307

PROJECT: POST-1971 MATERIALS HANDLING STUDY

PROJECT: MODULAR/INTERMODAL CONTAINER PARAMETRIC STUDY

THE SCHOOL OF SYSTEMS AND LOGISTICS
AIR FORCE INSTITUTE OF TECHNOLOGY
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433

PROJECT: A MODULAR CONTAINER SCHEDULING AND LOAD PLANNING SYSTEM FOR
USE WITH THE C-5A TRANSPORT

MILITARY AIRLIFT COMMAND HEADQUARTERS
SCOTT AFB, IL 62225
PHONE: COMMERCIAL 618-256 + EXT
AUTOVON 638 + EXT

NAME: GLOGOWSKI, RICHARD M. (LTCOL)
TITLE: CHIEF, CARGO SERVICES BRANCH
DIV/DEPT: TERMINAL SERVICES DIVISION
DIRECTORATE OF TRANSPORTATION
DCS/OPERATIONS
HQ MAC/DOZSC
PHONE: 3967, 4593

ACTIVITIES: CHAIRMAN 'MAC LAND-AIR-LAND CONTAINER WORKING GROUP'.
CONTAINER APPLICATION AND REVIEW.
MOVEMENT POLICY.

NAME: MATTINGLY, CLAUDE (MR)
TITLE: CHIEF, SYSTEMS AND ANALYSIS DIVISION
DIV/DEPT: DIRECTORATE OF INDUSTRIAL FUND
HQ MAC (ACIS)
PHONE: 4424, 4231

ACTIVITIES: MEMBER OF THE AIR FORCE 'LAND-AIR-LAND CONTAINER
WORKING GROUP'. RESPONSIBILITIES ARE PRIMARILY IN THE AREA
DEVELOPING TARIFFS FOR CONTAINER MOVEMENT.

NAME: OKE, G. (FLT LT, RAF)
TITLE: (RAF OFFICER SERVING AN EXCHANGE TOUR.)
DIV/DEPT: HQ MAC/DOZXM
PHONE: 4627

ACTIVITIES: TEST MANAGER FOR THE OPERATIONAL TEST AND EVALUATION
OF THE '463L COMPATIBLE CONTAINER TEST PROGRAM'. (COMPLETED IN
SEPT 1971).

SPACE AND MISSILES ORGANIZATION (SAMSO)
AF UNIT POST OFFICE
LOS ANGELES, CALIF. 90045

PROJECT: A REPORT ON BASIC PRINCIPLES OF PACKAGING MGMT, DESIGN, AND
CONTROL

FILE HEADING: ARMY

ASSISTANT DEPUTY CHIEF OF STAFF (SUPPLY AND MAINTENANCE)
DEPARTMENT OF THE ARMY
WASHINGTON, D.C. 20310

NAME: RICHARDS, D. H. (MGEN)
DIV/DEPT: DALO-ZS
PHONE: COMMERCIAL 202-0X7-8401

TRANSPORTATION RESOURCES DIVISION
DIRECTORATE OF ARMY TRANSPORTATION
DEPUTY CHIEF OF STAFF (LOGISTICS)
DEPARTMENT OF THE ARMY
WASHINGTON, DC 20310
PHONE: COMMERCIAL 0X4 + EXT

NAME: PARMENTER, W. H. (COL)
TITLE: DEPUTY DIRECTOR OF ARMY TRANSPORTATION
DIV/DEPT: DALO-TRZ-A
PHONE: 3951

NAME: CHAPPELL, J. H. (COL)
TITLE: CHIEF, TRANSPORTATION RESOURCES DIVISION, ODCSLOG
PHONE: 4140
PROJECTS: LOGISTICS SYSTEMS POLICY COMMITTEE STEERING GROUP FOR
CONTAINERIZATION

ACTIVITIES: EXERCISES SUPERVISORY RESPONSIBILITY FOR DA STAFF
OVERVIEW OF ACTIVITIES OF THE DOD PROJECT MANAGER FOR 'SURFACE
CONTAINER-SUPPORTED DISTRIBUTION SYSTEMS DEVELOPMENT PROJECT'.
EXERCISES SUPERVISORY RESPONSIBILITY OVER ARMY MEMBER
OF THE 'LAND-AIR-LAND CONTAINER-SUPPORTED DISTRIBUTION SYSTEMS
DEVELOPMENT TASK GROUP'.
CHAIRMAN OF STUDY ADVISORY GROUP FOR 'U.S. ARMY
TRANS-HYDRO CRAFT 1975-1985 STUDY'.
MEMBER OF STUDY ADVISORY GROUP FOR 'ARMY IN THE FIELD
CONTAINER SYSTEM STUDY'.

NAME: BELTEAU, R. J. (LTCOL)
DIV/DEPT: DALO-TRR-S
PHONE: 4138

NAME: OKEEFE, ROBERT P.
TITLE: TRANSPORTATION SPECIALIST (WATER TERMINAL)
DIV/DEPT: ODCSLOG HQ DA
CONTAINER DISTRIBUTION SYSTEMS BRANCH
PHONE: 4118, 4119
PROJECTS: FIELD MATERIALS HANDLING EQUIPMENT FAMILY STUDY
UNIT DEPLOYMENT BY CONTAINER/CONTAINERSHIP STUDY
ARMY IN THE FIELD CONTAINER SYSTEM STUDY
OSDOC-I
SURFACE CONTAINER-SUPPORTED DISTRIBUTION SYSTEMS
DEVELOPMENT PROJECT

DEPUTY COMMANDING GENERAL FOR LOGISTICS SUPPORT
ARMY MATERIEL COMMAND HEADQUARTERS
WASHINGTON, DC 20315
PHONE: AUTOVON 225 + EXT
PHONE: COMMERCIAL 202-0X5 + EXT

NAME: GREINER, EDWIN (MR)
TITLE: ACTING DEPUTY COMMANDING GENERAL FOR LOGISTICS SUPPORT
DIV/DEPT: AMCDLS
PHONE: 4746

DOD SURFACE CONTAINER-SUPPORTED DISTRIBUTION SYSTEMS DEVELOPMENT PROJECT
OFFICE
(AMCPM-CS)
U.S. ARMY MATERIEL COMMAND HQ
WASHINGTON D.C. 20315
PHONE: COMMERCIAL 202-0X5 + EXT
AUTOVON 225 + EXT

NAME: CRAMER, R. A. (COL)
HALE, JOSEPH (CDR)
TITLE: PROJECT MANAGER
DEPUTY PROJECT MANAGER
DIV/DEPT: AMCPM-CS
PHONE: 3976
4897

PROJECTS: MILVAN PROJECT
CONTAINERIZED AMMUNITION DISTRIBUTION SYSTEM (CADS)
CONTAINER MATERIALS STUDY
INTEGRATED SUPPLY DISTRIBUTION AND MATERIALS HANDLING
SYSTEM
SURFACE CONTAINER-SUPPORTED DISTRIBUTION SYSTEMS
DEVELOPMENT PROJECT
ANNOTATED BIBLIOGRAPHY OF SELECTED CONTAINERIZATION
STUDIES/PAPERS

ACTIVITIES: THE PURPOSE OF THE PROJECT OFFICE IS TO UNDER TAKE THE
DEVELOPMENT OF A COORDINATED SURFACE CONTAINER-SUPPORTED
DISTRIBUTION SYSTEM WITHIN THE DOD, INCLUDING STANDARD
EQUIPMENT, POLICIES AND PROCEDURES THAT CAN BE USED BY THE
MILITARY SERVICES AND DSA TO EXPLOIT THE FULL POTENTIAL OF
CONTAINERIZATION. THE SYSTEM MUST BE COMPATIBLE WITH THE
ELEMENTS OF THE COMMERCIAL INDUSTRY WITH WHICH IT MUST
INTERFACE.

THIS OFFICE IS THE GENERAL CONTACT FOR ALL ARMY
CONTAINER PROJECTS.

DIRECTORATE FOR DISTRIBUTION AND TRANSPORTATION
U.S. ARMY MATERIEL COMMAND
WASHINGTON, D.C. 20315

PROJECT: MILVAN PILOT OPERATIONS.. BASIC ELEMENTS OF INFORMATION

PROJECT: MILVAN PILOT OPERATION EVALUATION (INTRODUCTION PHASE)

PROJECT: U.S. ARMY CARGO CONTAINERIZATION REQUIREMENTS

PROJECT: CONTAINERIZATION ENGINEERING EVALUATION, CONUS WATER
TERMINAL-MARSHALLING

PROJECT: SHIPMENT IDENTIFICATION AND CONTAINERIZATION

COMPTROLLER
U.S. ARMY MATERIEL COMMAND
WASHINGTON, D.C. 20315

PROJECT: ADMIRAL CALLAGHAN COST AND PERFORMANCE EVALUATION

HEADQUARTERS, MILITARY TRAFFIC MANAGEMENT AND TERMINAL SERVICE
FALLS CHURCH, VA 20315
PHONE: COMMERCIAL 202-756 + EXT
AUTOVON 289 + EXT

PROJECT: CONCEPTUAL STUDY OF MILITARY OCEAN TERMINALS, BAY AREA AND
BAYONNE

PROJECT: INTERMODAL CONTAINER CONCEPTS

NAME: PURDY, WILLIAM T. (COL)
TITLE: DIVISION CHIEF, CONTINGENCY PLANS SUPPORT DIVISION
DIV/DEPT: CONTINGENCY PLANS SUPPORT DIVISION
PHONE: 1172, 1171

ACTIVITIES: DIVISION IS ENGAGED IN THE DEVELOPMENT OF MOVEMENT
SCHEDULES AND CONSTRAINT ANALYSES ASSOCIATED THERWITH IN
CONNECTION WITH OJCS, CINC, AND SERVICE OPERATIONS PLANS. THE
CONTAINER INVOLVEMENT STEMS FROM THE EVER INCREASING
CONTAINERSHIP FLEET AND THE RESULTING REQUIREMENTS TO USE
CONTAINERSHIPS IN UNIT AND RESUPPLY MOVEMENTS IN SUPPORT OF
OPLANS.

NAME: SAKSA, ROBERT E. (COL)
TITLE: DEPUTY DIRECTOR, DIRECTORATE OF INTERNATIONAL TRAFFIC
DIV/DEPT: DIRECTORATE OF INTERNATIONAL TRAFFIC
PHONE: COMMERCIAL 202-756-1610, 1611, 1612.
AUTOVON 289-1610
PROJECTS: CONTAINERIZED AMMUNITION DISTRIBUTION SYSTEM (CADS)
TEST OF CONTAINERIZED SHIPMENTS FOR AMMUNITION (TOCSA)

NAME: WARREN, J. R. (MR)
DIV/DEPT: DIRECTORATE OF INTERNATIONAL TRAFFIC
CONTAINER DIVISION
PHONE: 1577

NAME: VISCONTE, P. J. (MR)
TITLE: ACTING CHIEF, NEGOTIATIONS DIVISION
DIV/DEPT: NEGOTIATIONS DIVISION
DIRECTORATE OF INLAND TRAFFIC
MTMTS-INN
PROJECTS: CONTAINERIZED AMMUNITION DISTRIBUTION SYSTEM (CADS)
THROUGH INTERMODAL CONTAINER SERVICE
ACTIVITIES: HAS RESPONSIBILITY OF ESTABLISHING RATES AND SERVICE
VIA ALL MODES OF TRANSPORTATION FOR THE MOVEMENT OF COMMERCIAL
AND MILITARY OWNED CONTAINERS WITHIN CONUS.

FACILITIES DIVISION
HEADQUARTERS, WESTERN AREA
MILITARY TRAFFIC MANAGEMENT AND TERMINAL SERVICE
OAKLAND, CALIF 94626

NAME: OJI, SUKED (MR)
TITLE: DEPUTY CHIEF, FACILITIES DIVISION
DIV/DEPT: MTW-BCF
PHONE: COMMERCIAL 415-466-3088
AUTOVON 864-3088
PROJECTS: CONCEPTUAL STUDY OF MILITARY OCEAN TERMINALS, BAY AREA
AND BAYONNE
ACTIVITIES: HAS TRANSLATED STUDIES AND RECOMMENDATIONS FOR
CONTAINER PORT HANDLING AND STUFFING AT OCEAN TERMINALS INTO
CONSTRUCTION PROGRAMMING. PRESENTLY DEVELOPING A MODERNIZED
'CONTAINER STUFFING FACILITY'.

PERSONNEL AND LOGISTICS DIVISION
DIRECTORATE OF CONCEPTS AND DOCTRINE
U.S. ARMY COMBAT DEVELOPMENTS COMMAND
FORT BELVOIR, VA 22060
PHONE: COMMERCIAL 664 + EXT
AUTOVON 354 + EXT

NAME: KINNEY, L. N. (MAJ)
TITLE: ACTION OFFICER FOR TRANSPORTATION, CONTAINERIZATION, MHE,
TERMINAL OPERATIONS, TRANSPORTABILITY, TRANSPORTATION
MANAGEMENT SYSTEMS, AND LOGISTICAL AIR MOVEMENT.
DIV/DEPT: CDCCD-PL
PHONE: 4428
PROJECTS: U.S. ARMY TRANS-HYDRO CRAFT STUDY
FIELD MATERIALS HANDLING EQUIPMENT FAMILY STUDY
TRANSPORTATION TERMINAL SIMULATION MODEL
C-5 OPERATIONAL CONCEPTS
OSDOC-I
OSDOC-II
LOGLIFT-II

MATERIALS HANDLING EQUIPMENT BRANCH (SMEFB-HMM)
US ARMY MOBILITY EQUIPMENT RESEARCH AND DEVELOPMENT CENTER
FORT BELVOIR, VA 22060
PHONE: COMMERCIAL 703-664-5806
COMMERCIAL 703-664-5751
AUTOVON 354-5806

NAME: KNAELL, J. (MR)
TITLE: BRANCH CHIEF

ACTIVITIES: DIRECTS BRANCH ACTIVITIES.

NAME: BLANCHFIELD, JAMES (MR)
TITLE: SENIOR PROJECT ENGINEER
DIV/DEPT: SMEFB-HMM
PROJECTS: ROUGH TERRAIN CONTAINER AND MATERIAL HANDLING EQUIPMENT
DEPOT/PORT CONTAINER AND MATERIAL HANDLING EQUIPMENT

NAME: CZUL, EMIL (MR)
TITLE: PROJECT ENGINEER
DIV/DEPT: SMEFB-HMM
PROJECTS: REEFER CONTAINERS

NAME: ELLIS, HARRY (MR)
TITLE: PROJECT ENGINEER
DIV/DEPT: SMEFB-HMM
PROJECTS: CONTAINER CONTENTS IDENTIFICATION SYSTEM

NAME: KANE, DON (MR)
TITLE: SENIOR PROJECT ENGINEER
DIV/DEPT: SMEFB-HMM
PROJECTS: CONTAINER CONTENTS IDENTIFICATION SYSTEM

NAME: MESSERSCHMIDT, RUDY (MR)
TITLE: PROJECT ENGINEER
DIV/DEPT: SMEFB-HMM
PROJECTS: MODULAR ARMY CONTAINER SYSTEMS

NAME: ORTH, CLAIRE (MS)
TITLE: PROJECT ENGINEER
DIV/DEPT: SMEFB-HMM
PROJECTS: CONTAINER - MHE TRADEOFF ANALYSIS
CYBERNETIC ANTHROPOMORPHIC MACHINE
SPIN MOLDED CONTAINERS

NAME: RODRICK, EUGENE (MR)
TITLE: SENIOR PROJECT ENGINEER
DIV/DEPT: SMEFB-HMM
PROJECTS: U.S. ARMY TRANS-HYDRO CRAFT PROJECT

NAME: ZWOLINSKI, JOHN (MR)
TITLE: PROJECT ENGINEER
DIV/DEPT: SMEFB-HMM
PROJECTS: CONTAINER PROTOTYPE CHARACTERISTICS AND QUALIFICATION
CRITERIA STUDY
A CRITICAL ANALYSIS OF THE STATE-OF-THE-ART IN
CONTAINERIZATION

MILITARY TECHNOLOGY LABORATORY
U.S. ARMY MOBILITY EQUIPMENT RESEARCH AND DEVELOPMENT CENTER
FORT BELVOIR, VA 22060
PHONE: COMMERCIAL 703-664-5802
COMMERCIAL 703-664-5498
AUTOVON 354-5802
IDS 192

NAME: SARGENT, JOHN (MR)
TITLE: MECHANICAL ENGINEER
DIV/DEPT: MARINE AND BRIDGE DIVISION
MARINE BRANCH
SMEFB-MG
PROJECTS: LOTS PROJECT

ACTIVITIES: IN HOUSE CONCEPTS: 'HELICOPTER TOWED AIR CUSHION BARGE
TRAIN'; 'AIR CUSHION BARGE, ELECTRIC DRIVE'; 'FLOATING
CONTAINER CONCEPT'; 'HATCH RIG FOR EXTRICATION OF CONTAINERS
DURING LOTS OPERATION'.
CONTRACTUAL ANALYSES: 'WHEELED AIR CUSHION LIGHTER (20
TON)'; 'AMPHIBIOUS LIGHTER (60 TON, HYDROFOIL, WHEELED)';
'DESIGN ANALYSIS AND TRADE-OFF STUDIES OF A LIGHTERAGE SYSTEM'.

NAME: SIVAZLIAN, B. D. (MR)
PROJECTS: MATHEMATICAL DEFINITION OF AN OPTIMUM FUTURE ARMY
PHYSICAL SUPPLY DISTRIBUTION SYSTEM (PRELIMINARY
STUDY)

TRANSPORTATION AGENCY
U.S. ARMY COMBAT DEVELOPMENTS COMMAND
FORT EUSTIS, VA 23604
PHONE: COMMERCIAL 703-878 + EXT
AUTOVON 927 + EXT

NAME: WILLEMSE, C. W. (LTCOL)
TITLE: PROJECT OFFICER, TRANS-HYDRO
PHONE: 3892/2207
PROJECTS: U.S. ARMY TRANS-HYDRO CRAFT PROJECT
U.S. ARMY TRANS-HYDRO CRAFT 1975-1985 STUDY

NAME: MARTIN, JOHN J. (MR)
TITLE: TRANSPORTATION SPECIALIST
DIV/DEPT: CONCEPTS AND DOCTRINE DIVISION
PHONE: 3393, 2608

ACTIVITIES: PROJECT COORDINATOR FOR CONTAINER RELATED ACTIONS IN
CONCEPTS AND DOCTRINE DIVISION. VICE CHAIRMAN OF 'USACDC
TRANSPORTATION AGENCY CONTAINER COMMITTEE'. SENIOR PROJECT
OFFICER IN CHARGE OF DEVELOPING TRANSPORTATION SYSTEM FOR THE
USACDC STUDY TITLED 'ARMY IN THE FIELD CONTAINER SYSTEM STUDY'.

EUSTIS DIRECTORATE
U.S. ARMY AIR MOBILITY RESEARCH AND DEVELOPMENT LABORATORY
FORT EUSTIS, VA 23604

PROJECT: AIR TRANSPORTABLE CONTAINERS.. DESIGN CRITERIA, TECHNICAL
CHARACTERISTICS, AND DESIGN CONCEPTS

U.S. ARMY TRANSPORTATION SCHOOL
FORT EUSTIS, VA. 23604

PROJECT: A CONCEPT FOR AN AUTOMATED CONTAINERIZED STRATEGIC STORAGE
SITE

U.S. ARMY WAR COLLEGE
CARLISLE BARRACKS, PA. 10713

PROJECT: IMPACT OF CONTAINERIZATION ON STRATEGIC PLANNING

PROJECT: NEW DIMENSIONS IN SEALIFT: THE LOGISTICIANS CHALLENGE IN
THE 1970S

U.S. ARMY TRANSPORTATION ENGINEERING AGENCY
12388 WARWICK BLVD., P.O. BOX 6276
NEWPORT NEWS, VA. 23606

PROJECT: UTILIZATION OF FLAT RACKS IN FORCE DEPLOYMENTS (UFR)

PROJECT: ANALYSIS OF A FORCE DEPLOYMENT VIA BARGE CARRYING SHIPS
(AFD-BS)

PROJECT: ANALYSIS OF A FORCE DEPLOYMENT VIA SHIPPING - 1976 TIME
PERIOD (AFD)

PROJECT: DECISION GUIDELINES FOR UNITIZATION VERSUS LOOSE STOW IN
CONTAINERS

PROJECT: OFFSHORE DISCHARGE OF CONTAINERSHIP

PROJECT: DEPARTMENT OF DEFENSE AMMUNITION TEST SHIPMENT IN SEA-LAND
CONTAINERS

PROJECT: CONSOLIDATION OF CONTAINERIZABLE CARGO

DEFENSE LOGISTICS STUDIES INFORMATION EXCHANGE
U.S. ARMY LOGISTICS MANAGEMENT CENTER
FORT LEE, VA. 23801

DESCRIPTION: PROVIDES CUSTOM BIBLIOGRAPHIES WHICH ARE SELECTIVE
LISTINGS OF INFORMATION ABOUT DOCUMENTS AND OTHER LITERATURE
REFERENCES GERMANE TO THE PARTICULAR SUBJECT FOR WHICH
INFORMATION WAS REQUESTED. REQUEST 'CONTAINERIZATION
BIBLIOGRAPHY'.

SYSTEMS ANALYSIS GROUP
U. S. ARMY COMBAT DEVELOPMENTS COMMAND
FORT LEE FIELD OFFICE
FORT LEE, VIRGINIA 23801
PHONE: AREA CODE 703
AUTOVON 687+EXT
COMMERCIAL 734 + EXT

NAME: VRUGTMAN, J. (MR)
TITLE: LOGISTICS COORDINATION DIRECTOR
DIV/DEPT: CDCSAG-LFO
PHONE: 1104
1907
PROJECTS: MOBILE/PORTABLE PORTS 1990
OSDOC-II
U.S. ARMY TRANS-HYDRO CRAFT 1975-1985 STUDY
ACTIVITIES: HAS BEEN CONCERNED WITH THE STUDY AND EVALUTION OF
CONTAINERS FOR THE DEPT OF ARMY SINCE 1953.
DIRECTORATE IS SUPPORTING 'ARMY IN THE FIELD CONTAINER
SYSTEM STUDY'.

U.S. ARMY COMBAT DEVELOPMENTS COMMAND SUPPLY AGENCY
FORT LEE, VA 23801

NAME: OSGOOD, D. W. (MR)
TITLE: ASST. CHIEF OF STUDY GROUP
PHONE: AUTOVON 687-4081

NAME: ADAMS, JAMES R. (LTC)
TITLE: CHIEF, ARMY IN THE FIELD CONTAINER SYSTEM STUDY GROUP
DIV/DEPT: LOGISTICS AND MATERIAL SYSTEMS DIVISION
PHONE: AUTOVON 687-1046
AUTOVON 687-1047
PROJECTS: ARMY IN THE FIELD CONTAINER SYSTEM STUDY

NAME: DORMAN, JAMES (LTC)
TITLE: MATERIEL REQUIREMENTS OFFICER
DIV/DEPT: MATERIEL DIVISION
PHONE: COMMERCIAL 703-734-1046, OR 1047
AUTOVON 687-1046, OR 1047
PROJECTS: FIELD MATERIALS HANDLING EQUIPMENT FAMILY STUDY

U.S. ARMY MATERIEL COMMAND INVENTORY RESEARCH OFFICE
FRANKFORD ARSENAL
PHILADELPHIA, PA. 19137

PROJECT: CONTAINER REQUIREMENTS AND SHIPPING FREQUENCY UNDER THE
DIRECT SUPPLY SUPPORT SYSTEM

NATICK LABORATORIES
KANSAS ST.
NATICK, MASS 01760

PROJECT: STORAGE STABILITY OF CIVIL DEFENSE SHELTER RATIONS

PACKAGING, STORAGE AND CONTAINERIZATION CENTER
US ARMY MATERIAL COMMAND
TOBYHANNA ARMY DEPOT
TOBYHANNA, PA. 18466.

PROJECT: DEVELOPMENT OF PLYWOOD INSERT CONTAINERS FOR CONEX

PROJECT: HANDLING OF MILVANS IN DEPOT OPERATIONS

PROJECT: PACKING AND PALLETIZATION FOR CONTAINERIZATION APPLICATIONS

U.S. ARMY ADVANCED MATERIEL CONCEPTS AGENCY
2461 EISENHOWER AVENUE
ALEXANDRIA, VIRGINIA 22314

PROJECT: MOBILE/PORTABLE PORTS 1990

PROJECT: MECHANIZED/AUTOMATED STOCK HANDLING IN THE 1990 FIELD AND
THEATER ARMIES

US ARMY RESEARCH OFFICE - DURHAM
BOX CM, DUKE STATION
DURHAM, NC 27706

PROJECT: UNITIZATION AND DEUNITIZATION IN PHYSICAL DISTRIBUTION
SYSTEMS

FILE HEADING: MARINE CORPS

ASSISTANT CHIEF OF STAFF G-4
HEADQUARTERS, MARINE CORPS
WASHINGTON, D.C. 20380
PHONE: AUTOVON 224 + EXT
COMMERCIAL 202-0X4 + EXT

NAME: SIMLIK, W. F. (BGEN)
TITLE: DEPUTY AC/S G-4
PHONE: 2506

NAME: OKONSKY, FRANK B. (LTCOL)
TITLE: DOD LOGISTICS PROGRAMS OFFICER
DIV/DEPT: A04J
PHONE: 1512, 2139, 1908

ACTIVITIES: MONITORS ALL STUDIES WHICH INVOLVE CONTAINERIZATION.
IS DIRECTLY INVOLVED WITH THE ACTIVITIES OF THE DOD
PROJECT MANAGER FOR THE 'SURFACE CONTAINER-SUPPORTED
DISTRIBUTION SYSTEMS DEVELOPMENT PROJECT'.

NAME: FLYNN, J. H. (MR)
DIV/DEPT: LOGISTICS STUDIES BRANCH
CODE A04R
PHONE: 1055, 1537
PROJECTS: SYSTEMS ANALYSIS OF THE SEABORNE MOBILE LOGISTICS
SYSTEMS CONCEPT, 1975-85
AMPHIBIOUS AND RESUPPLY CONTAINER REQUIREMENTS TO
SUPPORT MARINE CORPS DEPLOYED FORCES OVERSEAS
LOGISTICS SUPPORT ASHORE FOR SUSTAINED OPERATIONS
(1980-1990)
APPLICATION CRITERIA FOR CONTAINERIZATION IN NAVAL
LOGISTIC OPERATIONS
CONTAINERIZATION REQUIREMENTS FOR THE FLEET MARINE
FORCES (1973-1982)

TRANSPORTATION DIVISION
SUPPLY DEPARTMENT
HEADQUARTERS, MARINE CORPS
WASHINGTON, DC 20380
PHONE: COMMERCIAL 0X4 + EXT
AUTOVON 224 + EXT

NAME: MEIER, E. U. (LTCOL)
TITLE: DIRECTOR TRANSPORTATION DIVISION
DIV/DEPT: MC-COS
PHONE: 2361

NAME: PENENBURGH, H. C. (MR)
TITLE: ASSISTANT DIRECTOR
DIV/DEPT: MC-COS
PHONE: 2585

NAME: FULLEM, D. (MAJ)
TITLE: OPERATIONS OFFICER, TRANSPORTATION DIVISION
DIV/DEPT: TRANSPORTATION DIVISION
MC-COS-1
PHONE: 2361/2585

ACTIVITIES: ACTIVE IN ALL CONTAINER PROJECTS IN WHICH THE MARINE
CORPS IS PARTICIPATING.

NAME: MCAFEE, M. K. (CAPT)
TITLE: HEAD, FREIGHT BRANCH
DIV/DEPT: TRANSPORTATION DIV COS-1
PHONE: 1064

ACTIVITIES: MARINE CORPS REPRESENTATIVE TO THE DOD PROJECT MANAGER
FOR 'SURFACE CONTAINER-SUPPORTED DISTRIBUTION SYSTEMS
DEVELOPMENT PROJECT'.
MARINE CORPS REPRESENTATIVE TO THE DOD 'LAND-AIR-LAND
CONTAINER TASK GROUP'.
MARINE CORPS REPRESENTATIVE TO
'JTCC/CONTAINERIZATION'.

STUDIES AND REQUIREMENTS DIVISION
MARINE CORPS DEVELOPMENT AND EDUCATION COMMAND
QUANTICO, VA 22134
PHONE: COMMERCIAL 703-640 + EXT
AUTOVON 278 + EXT

NAME: SHINN, R. A. (CDR)
TITLE: AMPHIBIOUS WARFARE BOARD SEABORNE MOBILE LOGISTICS SYSTEM
PROJECT OFFICER
USN LIAISON OFFICER
DIV/DEPT: SEABORNE MOBILE LOGISTICS STUDY PANEL
PHONE: 3151
PROJECTS: SEABORNE MOBILE LOGISTICS SYSTEM

NAME: HOLIDAY, GERALD R. (CAPT)
TITLE: EMBARKATION OFFICER
DIV/DEPT: SEABORNE MOBILE LOGISTICS STUDY PANEL
PHONE: 3151
PROJECTS: SEABORNE MOBILE LOGISTICS SYSTEM

FILE HEADING: NAVY

OFFICE OF THE ASSISTANT SECRETARY OF THE NAVY
INSTALLATIONS AND LOGISTICS
WASHINGTON, DC 20350

NAME: ILL, CHARLES L. (HON)
TITLE: ASSISTANT SECRETARY OF THE NAVY (INSTALLATIONS AND
LOGISTICS)

ACTIVITIES: EXERCISES POLICY DIRECTION AND CONTROL IN ALL POLICY
MATTERS REGARDING TRANSPORTATION IN THE NAVY.

NAME: CARL, ROBERT A. (MR)
TITLE: SPECIAL ASSISTANT FOR TRANSPORTATION
DIV/DEPT: ASN (I & L)
PHONE: COMMERCIAL 202-0X2-2259

NAME: DAVIS, R. W. (CDR)
TITLE: STAFF ASSISTANT FOR TRANSPORTATION
DIV/DEPT: ASN (I & L)
PHONE: COMMERCIAL 202-0X2-2259
PROJECTS: PRESENT STATUS OF CONTAINERIZATION IN WORLD PORTS

CHIEF OF NAVAL OPERATIONS
WASHINGTON, DC 20350

NAME: BALCH, R. (CAPT)
DIV/DEPT: OPNAV-96
WARFARE SUPPORT BRANCH
PHONE: COMMERCIAL 0X2-4676
PROJECTS: MERCHANT SHIP REQUIREMENTS AND MARITIME STUDY
FLEET REPLENISHMENT STUDY

NAME: PADDOCK, R. (CAPT)
DIV/DEPT: OPNAV-93
ASSISTANT FOR SURFACE WARFARE
PHONE: COMMERCIAL 0X5-6345
PROJECTS: SEA BASED EXPEDITIONARY FORCES (1980)

DEPUTY CHIEF OF NAVAL OPERATIONS (PLANS AND POLICY)
WASHINGTON, DC 20350

NAME: BOOTH, S. L. (CDR)
TITLE: LOGISTICS AND SUPPORT FORCES OBJECTIVES OFFICER
DIV/DEPT: STRATEGIC PLANS AND POLICY DIVISION
OP-605D9
PHONE: COMMERCIAL 202-0X5-5150, 6157, 5927
AUTOVON 225-5150
PROJECTS: JOINT STRATEGIC OBJECTIVES PLAN (MOBILITY FORCES)
ROLE OF MERCHANT SHIPS IN WARTIME DEFENSE MISSION
CONTAINERIZATION LESSONS OF THE VIETNAM ERA
OSDOC-II
SEALIFT PROCUREMENT AND NATIONAL STRATEGY STUDY
CAPFORCE - NATO

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
WASHINGTON, DC 20350

NAME: SHAWCROSS, W. H. (RADM)
ZIRKLE, J. C. (CAPT)
TITLE: DIRECTOR LOGISTICS PLANS DIVISION
ASSISTANT DIRECTOR
DIV/DEPT: LOGISTICS PLANS DIVISION
OP-40
PHONE: COMMERCIAL 202-0X5-4001
PROJECTS: LOGISTICS SYSTEMS POLICY COMMITTEE STEERING GROUP FOR
CONTAINERIZATION

NAME: SELF, W. H. (CAPT)
TITLE: HEAD, INTERAGENCY AND MARITIME SECTION
DIV/DEPT: TRANSPORTATION BRANCH
LOGISTICS PLANS DIVISION
OP-404C
PHONE: COMMERCIAL 202-0X5-5033/2879
COMMERCIAL 202-0X7-7774/9635
PROJECTS: NATIONAL DEFENSE FEATURES IN NEW CONSTRUCTION OF
MERCHANT SHIPS
OSDOC-I
OSDOC-II
ACTIVITIES: SHIP SAFETY COMMITTEE OF THE 'INTERGOVERNMENTAL
MARITIME CONSULTATIVE ORGANIZATION (UN)'.
DOD ADVISOR TO THE 'PLANNING BOARD FOR OCEAN SHIPPING
(NATO)'.
CNA NAVY/MARAD STUDY ON USE OF 'MERCHANT SHIPS IN
NATIONAL DEFENSE MISSIONS (1971)'.

NAME: RAMSEY, DAVID G. (CDR)
TITLE: HEAD, CONTAINERIZATION PLANS AND PROGRAMS
DIV/DEPT: CONTAINERIZATION PLANS AND PROGRAMS
TRANSPORTATION BRANCH
LOGISTICS PLANS DIVISION
OP-404F
PHONE: COMMERCIAL 0X7-9635, 0X5-5033, 0X7-7774, 0X5-2879
ACTIVITIES: FOCAL POINT WITHIN OPNAV FOR ALL CONTAINERIZATION
MATTERS.
REVIEWS NAVY CONTAINERIZATION PLANS AND PROGRAMS TO
PROVIDE COORDINATION AND GUIDANCE.
ACTS AS REPRESENTATIVE OF NAVY (CNO) IN RELATION TO
INDUSTRY AND NON-DOD GOVERNMENT AGENCIES.

CENTER FOR NAVAL ANALYSES
WEBB BUILDING
ARLINGTON, VA 20360

PROJECT: FLEET REPLENISHMENT STUDY

NAME: LEVINE, DAN
PHONE: COMMERCIAL 0X5-9241
PROJECTS: MERCHANT SHIP REQUIREMENTS AND MARITIME STUDY

SUPPLY SUPPORT DIVISION
HEADQUARTERS NAVAL MATERIEL COMMAND
WASHINGTON, DC 20360

NAME: KNIPPLE, J. (CAPT)
TITLE: DIRECTOR SUPPLY SUPPORT DIVISION
DIV/DEPT: NMAT-047
PHONE: COMMERCIAL 202-0X2-7923
PROJECTS: INTERMODAL MODULAR CONTAINER DEVELOPMENT PROJECT

NAME: LYNN, GEORGE (MR)
TITLE: DEPUTY DIRECTOR SUPPLY SUPPORT DIVISION
DIV/DEPT: NMAT-047A
PHONE: COMMERCIAL 202-0X2-7924
PROJECTS: INTERMODAL MODULAR CONTAINER DEVELOPMENT PROJECT
ACTIVITIES: NMC COORDINATOR FOR CONTAINERIZATION.

AMPHIBIOUS WARFARE BOARD
NAVAL AMPHIBIOUS BASE
LITTLE CREEK, NORFOLK, VA 23521
PHONE: COMMERCIAL 464 + EXT

NAME: PAGE, C.S. (CDR)
DIV/DEPT: AMPHIBIOUS WARFARE BOARD STAFF
PHIBOPSUPCOM LANT
PHONE: 7531, 7538, 7314
PROJECTS: OSD OC-II
SEABORNE MOBILE LOGISTICS SYSTEM
AMPHIBIOUS CONTAINERIZATION
CONTAINERIZATION IN AMPHIBIOUS ASSAULT
ACTIVITIES: AMPHIBIOUS LOGISTICS

MILITARY SEALIFT COMMAND
WASHINGTON, DC 20390
PHONE: COMMERCIAL 202-896 + EXT
AUTOVON 286 + EXT
IDS 188 + EXT

NAME: TAPP, J. G. (CAPT, USN)
TITLE: CONTRACTING OFFICER
PHONE: 9465

NAME: BROGAN, J. A. (MR)
TITLE: SHIPPING ADVISOR
DIV/DEPT: M-00B
PHONE: 9307, 9544, 9549
PROJECTS: MULTI-PURPOSE SHIP

ACTIVITIES: COMMAND ADVISOR ON ALL POLICY MATTERS INVOLVING USE OF
CONTAINER MODE FOR ROUTINE PEACETIME RESUPPLY, CONTINGENCY
OPERATIONS, AND PROCUREMENT MATTERS. FORMER ADVISOR TO
'JTCCG/CONTAINERIZATION'. PROJECT MANAGER FOR 'SHIP/HELICOPTER
EXTENDED DELIVERY SYSTEM (OPERATION SHEDS)'. PROJECT MANAGER FOR
THE ESTABLISHMENT OF INTEGRATED CONTAINERSHIP SYSTEMS TO FAR
EAST.

NAME: QUACKENBUSH (MR)
TITLE: HEAD, CONTAINER OPERATIONS BRANCH
DIV/DEPT: CONTAINER OPERATIONS BRANCH
CARGO PASSENGER DIVISION
OPERATIONS OFFICE
M322
PHONE: 9427, 9206, 9280

ACTIVITIES: OFFICE IS RESPONSIBLE FOR CARRYING OUT THOSE FUNCTIONS
OF THE CARGO/PASSENGER DIVISION DEALING WITH THE OCEAN
TRANSPORTATION OF CARGO, DRY AND REFRIGERATED, MOVING BY
CONTAINER MODE INCLUDING THE COORDINATION AND LIASON FUNCTIONS
REQUIRED BY AN INTEGRATED, INTERMODAL TRANSPORTATION SYSTEM.

NAME: TIPPETT, L.M. (MR)
DIV/DEPT: STATISTICAL AND COST ANALYSIS BRANCH
SYSTEMS ANALYSIS DIVISION
ASSISTANT CHIEF OF STAFF (PLANS AND POLICY)
M-62E
PHONE: 9468

NAVAL AIR SYSTEMS COMMAND
WASHINGTON, DC 20360
PHONE: COMMERCIAL 202-692 + EXT
AUTOVON 222 + EXT
IDS 112 + EXT

NAME: ALBRECHT, R. (MR)
DIV/DEPT: NAIR-41732
AEROSPACE ENG. TECH.
PHONE: COMMERCIAL OX4-5305
PROJECTS: MAINTENANCE SUPPORT PACKS

NAME: DEGRAFFT, BILL (MR)
DIV/DEPT: NAVAIR-3034
SHIP COMPATIBILITY BRANCH
PHONE: 7394
PROJECTS: CARRIER CONTAINERIZATION CONCEPT STUDY

NAME: HUMPHREY, H. C. (MR)
TITLE: SENIOR ENGINEER (INSTALLATIONS)
DIV/DEPT: GROUND SUPPORT EQUIPMENT DIVISION
AIR-53412
PHONE: 3047
PROJECTS: CONTAINERIZED/MODULARIZED MAINTENANCE SUPPORT OF
AIRCRAFT ABOARD NAVAL SHIPS
MILVANS FOR INTERIM SEA CONTROL SHIP
CONTAINERIZATION OF AERONAUTICAL FUNCTIONS FOR THE SCSS
PROGRAM

NAME: KRAWZUN, JOHN (MR)
DIV/DEPT: NAVAIR-3034
SHIP COMPATIBILITY BRANCH
PHONE: 7394
PROJECTS: CARRIER CONTAINERIZATION CONCEPT STUDY

NAME: MEEHAN, JAMES L. (MR)
TITLE: MECHANICAL ENGINEER
DIV/DEPT: AIR-53442B
PHONE: 3094, 3095

ACTIVITIES: DESIGN ENGINEER FOR 'NAVY/MARINE COPPS AIRCRAFT
SUPPORT VANS'.

NAME: MULQUIN, JAMES J. (MR)
TITLE: SUPPORT SYSTEMS MANAGER (PROJECT MANAGER)
DIV/DEPT: AIR-303
PHONE: 7393
7394
PROJECTS: MODULAR AVIATION PACKAGE CONCEPT DEVELOPMENT
ARAPAHC CONCEPT

ACTIVITIES: EXPLORATORY DEVELOPMENT STUDIES RELATIVE TO
CONTAINERIZED SUPPORT OF AIRCRAFT AT SEA, ASHORE AND AT REMOTE
SITES.
APPLICATIONS OF MODULAR SUPPORT TO CURRENT/PLANNED
SHIP CONSTRUCTION INVOLVING AVIATION MISSIONS.

NAME: TEELE, W. R. (MR)
TITLE: SUPPORT SYSTEMS ANALYST (PROJECT ANALYST)
DIV/DEPT: AIR-303
PHONE: 7393
7394

ACTIVITIES: EXPLORATORY DEVELOPMENT STUDIES RELATIVE TO
CONTAINERIZED SUPPORT OF AIRCRAFT AT SEA, ASHORE AND AT REMOTE
SITES.

NAVAL FACILITIES ENGINEERING COMMAND HQ
ARLINGTON, VIRGINIA 20390

NAME: BUSCHELMAN, WALTER M.
TITLE: GENERAL ENGINEER
DIV/DEPT: NFAC 1034A
TRANSPORTATION MANAGEMENT DIVISION
EQUIPMENT ENGINEERING BRANCH
SPECIALIZED MOBILE EQUIPMENT
PHONE: COMMERCIAL 202-695-3940
COMMERCIAL 202-697-5806
AUTOVON 225-3940
AUTOVON 227-5806

ACTIVITIES: NAVAL 'CONTAINERIZED ORDNANCE' PROGRAM: WORK TASKS
INVOLVE THE DEVELOPMENT OF TECHNICAL CRITERIA AND APPLICATION
ENGINEERING FOR ALL THE VARIOUS TYPES OF CONTAINER HANDLING
EQUIPMENTS NEEDED TO MEET THE OPERATING REQUIREMENTS OF
CONTAINERIZED MOVEMENT OF ORDNANCE ON NON-SELF-SUSTAINING
CONTAINERSHIPS.

NAME: ESSOGLOU, M. E. (MR)
TITLE: ASSISTANT DIRECTOR
R AND D PLANS AND PROGRAMS
DIV/DEPT: PLANNING AND ANALYSIS DIV., R AND D (CODE 031A)
PHONE: COMMERCIAL 202-0X7-6020/7606
PROJECTS: PROPOSED TECHNICAL APPROACHES FOR PORTABLE PORTS
ENVIRONMENTAL ANALYSIS FOR PORTABLE PORTS
MOORING SYSTEMS FOR AN EXPEDITIONARY LOGISTIC FACILITY
MOORING SYSTEM CONCEPTS FOR EXPEDITIONARY LOGISTICS
FACILITY OPERATIONS
THE RELATIVE MOTION BETWEEN SHIPS IN RANDOM HEAD SEAS
MOTION OF FREELY SUSPENDED LOADS DUE TO HORIZONTAL SHIP
MOTION IN RANDOM HEAD SEAS
IMPACT OF CONTAINERIZATION ON THE ADVANCED LANDING CRAFT
TRANSPORTABLE BREAKWATERS - A SURVEY OF CONCEPTS
COMPARATIVE ANALYSIS OF FOUR BREAKWATERS FOR AN
EXPEDITIONARY LOGISTICS FACILITY
AIR CUSHION HEAVY LIFT PONTOON
SYSTEMS OF MOBILE PIERS AND CAUSEWAYS FOR EXPEDITIONARY
LOGISTICS FACILITIES
SHIP-INDEXING TO CONTAINER OFFLOADING AT A NAVAL
ADVANCED BASE
DEVELOPMENT OF MATERIALS HANDLING CONCEPT FOR NAVAL
ADVANCED BASE PORTS
MATERIALS HANDLING CONCEPT FOR OFF-LOADING CONTAINER
SHIPS IN FORWARD OR REMOTE AREAS
PROPOSAL FOR ADVANCED DEVELOPMENT PROJECT ELF
CONTAINER HANDLING EQUIPMENT FOR ADVANCED BASES
PORTABLE PORTS STUDY

ACTIVITIES: NAVY CHIEF EVALUATOR FOR 'OSDOC-I'.
INITIATING AND SECURING THE FUNDING FOR 'PROJECT ELF'.

NAME: LEICHTMAN, E. S. (MR)
TITLE: CONTAINER PROGRAMS COORDINATOR
GENERAL ENGINEER (MECHANICAL)
DIV/DEPT: ADVANCED BASE FACILITY CONTAINER BRANCH
NAVFAC-0622B
PHONE: COMMERCIAL 202-0X5-2370/3051/6432
AUTOVON 225-2370/3081/6432

ACTIVITIES: DEVELOPES, DEFINES, ESTABLISHES OBJECTIVES FOR, AND
JUSTIFIES THE 'ADVANCED BASE FACILITY CONTAINER PROGRAM',
INCLUDING RESEARCH AND DEVELOPMENT. DETERMINES WHERE AND HOW
FUNCTIONAL CAPABILITY AND/OR RESPONSIVENESS OF THE ABFC SYSTEM
COULD BE IMPROVED THROUGH USE OF NEW
MATERIAL/EQUIPMENT/TECHNIQUES. PLANS, EVALUATES AND DEVELOPS
CONTAINERIZATION CONCEPTS AS APPLIED TO AMPHIBIOUS AND ADVANCED
BASE ENVIRONMENTS, ('QUICK CAMP PROJECT', 'TACOSS'). MEMBER OF
'JTCC/CONTAINERIZATION'. LEAD ENGINEER FOR 'INTERMODAL MODULAR
CONTAINER DEVELOPMENT PROJECT'.

NAME: PLEDGER, DONALD B. (MR)
TITLE: TEAM CAPTAIN, MASTER PLANNING TEAM #3 (URBAN PLANNER)
DIV/DEPT: MASTER PLANNING BRANCH
INSTALLATIONS PLANNING DIVISION
NFAC-20212C
PHONE: AUTOVON 225-5648, 227-6930, 227-6940, 227-6954
PROJECTS: CONTAINERIZED ORDNANCE

ACTIVITIES: IN COOPERATION WITH NAVAL WEAPONS HANDLING LABORATORY (EARLE, NJ), NWS (CONCORD), AND NAD (EARLE) DEVELOPED MASTER SITE DEVELOPMENT PLANS AND PRELIMINARY ARCHITECTURAL AND ENGINEERING DESIGNS FOR CONTAINERIZATION CAPABILITY AT CONCORD, EARLE, MCALESTER, HAWTHORNE, AND CRANE.
SERVE AS FOCAL POINT AND POINT-OF-CONTACT FOR ALL CORRESPONDENCE AND ACTION REQUESTS FOR ORDNANCE CONTAINERIZATION AT HQ NAVFAC. MOST RECENTLY INVOLVED IN DEVELOPING A PLANNING AND PROGRAMMING SCHEDULE FOR IMPLEMENTATION OF ABOVE MENTIONED CONTAINERIZATION PLANS FOR SUBMITTAL TO CNM AND CNO.

NAME: POOLE, GEORGE W. (MR)
TITLE: HEAD OF EQUIPMENT ENGINEERING BRANCH
DIV/DEPT: TRANSPORTATION DIVISION
CODE 103
PHONE: COMMERCIAL 202-0X7-5806

ACTIVITIES: HAS TECHNICAL RESPONSIBILITY FOR DETERMINING TYPE AND SIZE OF EQUIPMENT REQUIRED TO HANDLE CONTAINERS AT NAVAL SHORE ACTIVITIES. THIS INCLUDES MOBILE CRANES, TRUCK TRACTORS, TRAILERS, WHEELED TRACTORS WITH FORK LIFT ATTACHMENTS, SIDE LOADERS, AND STRADDLE LOADERS. IS STUDYING THE HANDLING OF 'CONTAINERIZED ORDNANCE' AT NAD EARLE, NWS CONCORD, AND OTHER INLAND DEPOTS. THESE STUDIES ARE ORIENTED TOWARD NON-SELSUSTAINING CONTAINERSHIPS.

NAME: POTTER, DONALD H. (MR)
TITLE: STRUCTURAL ENGINEER
SPECIALIST DEEP OCEAN MOORINGS AND PLATFORMS
DIV/DEPT: WATERFRONT AND WEIGHT HANDLING BRANCH
ENGINEERING AND DESIGN DIVISION
CODE 0416E
PHONE: COMMERCIAL 202-697-3445
COMMERCIAL 202-697-7890
AUTOVON 227-3445

ACTIVITIES: PRIMARY RESPONSIBILITY IS IN PIER FACILITIES AND WATERFRONT WEIGHT HANDLING EQUIPMENT USED IN CONNECTION WITH CONTAINER HANDLING. INCLUDES ENGINEERING OF WATERFRONT FACILITIES (PIERS AND CRANES) FOR HANDLING 'CONTAINERIZED ORDNANCE' AT NWS CONCORD AND NAD EARLE. PARTICIPATED IN 'OSDOC-I' AS OBSERVER.

NAVAL ORDNANCE SYSTEMS COMMAND HQ
ARLINGTON, VA 20360
PHONE: COMMERCIAL 202-692+EXT

NAME: DECOT, H. (MR)
DIV/DEPT: SYSTEMS AND ACQUISITION DIRECTORATE (ORD-05)
PACKAGING AND HANDLING BRANCH (ORD-0524B)
PHONE: 8157/8158/8159
PROJECTS: AMMUNITION CONTAINER STUDY

ACTIVITIES: MANAGER OF THE CONTAINERIZATION OF NAVAL ORDNANCE PROGRAM. PLANNING, BUDGETING, AND ENGINEERING MANAGEMENT.

NAME: JUNKER, N. A. (MR)
TITLE: HEAD, PACKAGING AND HANDLING BRANCH
DIV/DEPT: PACKAGING AND HANDLING BRANCH (NORD-0524)
ENGINEERING SUPPORT DIVISION (NORD-052)
SYSTEMS ACQUISITION DIRECTORATE (NORD-05)
PHONE: 8157, 8158, 8159
ACTIVITIES: DEVELOPING TECHNICAL PLANS FOR 'CONTAINERIZED
ORDNANCE'.

NAVAL SHIP SYSTEMS COMMAND HQ
WASHINGTON DC 20360
PHONE: COMMERCIAL OX2 +EXT

PROJECT: AMPHIBIOUS ASSAULT PACKAGING PROGRAM
PROJECT: IMPACT OF CONTAINERIZATION ON FUTURE SHIP DESIGN
PROJECT: AN ANALYSIS OF AMPHIBIOUS CARGO BARGE SYSTEMS
PROJECT: A NEW LOGISTICS SYSTEM FOR AMPHIBIOUS SUPPORT OPERATIONS
PROJECT: MOTION MITIGATING DEVICE

NAME: BENEN, L. (MR)
TITLE: PROGRAM MANAGER, APPLIED RESEARCH
HYDROMECHANICS, LOGISTICS, AND HIGH SPEED CRAFT
PHONE: 1151, 1169
ACTIVITIES: PROGRAMS INCLUDE MATERIALS, WEAPONS HANDLING, AND
CARGO TRANSPORT PROBLEMS THAT AFFECT THE USE OF CONTAINERS.

NAME: SCHULER, JAMES L. (MR)
TITLE: RESEARCH AND DEVELOPMENT PROGRAM MANAGER
DIV/DEPT: ADVANCED SHIP DEVELOPMENTS PROGRAM OFFICE
RESEARCH DIRECTORATE
CODE 03Z2
PHONE: 1169
1151
PROJECTS: AMPHIBIOUS ASSAULT LANDING CRAFT PROGRAM
U.S. ARMY TRANS-HYDRO CRAFT STUDY
ACTIVITIES: RESEARCH AND DEVELOPMENT IN SHIPBOARD MATERIALS
HANDLING, SHIP-TO-SHIP HANDLING AND SHIP-TO-SHORE (AMPHIBIOUS)
MATERIALS HANDLING. ALSO DEVELOPMENT OF SHIP, BOATS, AND CRAFT
EITHER CARRYING OR DEPENDENT ON CONTAINERS.

NAME: WEINTRAUB, S. P. (MR)
TITLE: RISK MANAGER
DIV/DEPT: REPLENISHMENT-AT-SEA PROJECT OFFICE
NSHP-PMS-390.01
PHONE: 0532, 0533
PROJECTS: OSDOC-I
OSDOC-II
CONTAINERSHIP UNDERWAY REPLENISHMENT
UNDERWAY REPLENISHMENT PACKAGING STUDY
ACTIVITIES: PARTICIPATED IN CNA 'FLEET REPLENISHMENT STUDY', AND
'MERCHANT SHIP IN UNDERWAY REPLENISHMENT ROLE STUDY'.

NAVAL SUPPLY SYSTEMS COMMAND (NAVSUP)
WASHINGTON DC 20390
PHONE: COMMERCIAL 0X7+EXT

NAME: BERNSTEIN, GEORGE B. (MR)
TITLE: SPECIAL ASSISTANT TO THE DIRECTOR, R & D
DIV/DEPT: RESEARCH AND DEVELOPMENT BRANCH
NSUP-0631C
PHONE: 4561, 4562, 4432
PROJECTS: TECHNOLOGICAL FORECAST OF PACKAGING REQUIREMENTS
PACKAGING AND PRESERVATION TECHNOLOGICAL FORECAST
LOGISTICS MANAGEMENT TECHNOLOGICAL FORECAST
MATERIALS HANDLING TECHNOLOGICAL FORECAST
INFORMATION PROCESSING TECHNOLOGICAL FORECAST
COMMUNICATIONS TECHNOLOGICAL FORECAST
WAREHOUSING, TERMINALS, AND PORT FACILITIES
TECHNOLOGICAL FORECAST
DATA ENTRY AND RETRIEVAL RESEARCH

NAME: JOBIN, LOU (MR)
TITLE: TRANSPORTATION OFFICER
DIV/DEPT: SUP0512
PHONE: 2760, 2807

ACTIVITIES: IS RESPONSIBLE FOR CONTAINER DOCUMENTATION AND
MANIFESTING. HANDLES LOSS AND DAMAGE CLAIMS.

NAME: EMBERGER, C. (MR)
DIV/DEPT: CONTAINER PROGRAMS
NSUP-0513E
PHONE: COMMERCIAL 202-0X5-2877
PROJECTS: INTERMODAL MODULAR CONTAINER DEVELOPMENT PROJECT
CONTAINERIZED AMMUNITION LIFT
ANNOTATED DIRECTORY OF DEFENSE ORIENTED CONTAINERIZATION
PROJECTS AND COGNIZANT PERSONNEL

NAME: LAPIDUS, HERB
DIV/DEPT: NSUP-056
PACKAGING BRANCH
PHONE: 0825
PROJECTS: UNDERWAY REPLENISHMENT PACKAGING STUDY

NAME: MONDI, JOHN
TITLE: ILS PROGRAM ANALYST
DIV/DEPT: NSUP-0622
PHONE: 4561
PROJECTS: AMPHIBIOUS ASSAULT PACKAGING PROGRAM

NAME: MONTEITH, J. G. (MR)
DIV/DEPT: CONTAINER PROGRAMS
NSUP-0513M
PHONE: COMMERCIAL 202-0X5-2877
PROJECTS: SHIP/HELICOPTER EXTENDED DELIVERY SYSTEM (OPERATION
SHEDS)

NAVAL CIVIL ENGINEERING LABORATORY
PORT HUENEME, CALIF 93043
PHONE: COMMERCIAL 805-982 + EXT
AUTOVON 898-3300

NAME: DAVIS, DUANE A.
TITLE: RESEARCH HYDRAULIC ENGINEER
DIV/DEPT: AMPHIBIOUS AND HARBOR DIVISION
CODE L55
PHONE: COMMERCIAL 805-982-4217
PROJECTS: RELATIVE MOTIONS OF MILITARY FLOATING STRUCTURES IN
SHOAL WATER
PENDULATION OF FREELY SUSPENDED LOADS DUE TO SHIP
OSCILLATION
SHIPBOARD CARGO ANTI-PENDULATION DEVICES AND TECHNIQUES
ACTIVITIES: IS CONCERNED WITH MEASUREMENT OF SHIP AND BARGE
MOTIONS, LOAD PENDULATION, AND SEA ENVIRONMENTS DURING FULL
SCALE AT SEA TESTS OF NEW ADVANCED BASE PORT CONCEPTS.

NAME: KARRH, BILLIE R. (MR)
TITLE: RESEARCH STRUCTURAL ENGINEER
DIV/DEPT: AMPHIBIOUS AND HARBOR DIVISION
CODE L55
PHONE: COMMERCIAL 805-982-4865
COMMERCIAL 805-982-4638
AUTOVON 898-3300 EXTENSION 4865, OR 4638.
PROJECTS: MATERIAL HANDLING AT NAVAL ADVANCED BASE PORTS
ACTIVITIES: CONCERNED WITH MATERIALS HANDLING IN 'OSDOC-II' TEST.

NAME: TRAFFALIS, JAMES J. (MR)
TITLE: SENIOR PROJECT ENGINEER
DIV/DEPT: AMPHIBIOUS AND HARBOR DIVISION
CODE L55
PHONE: 5791, 4638
PROJECTS: MATERIAL HANDLING AT NAVAL ADVANCED BASE PORTS

NAVAL POSTGRADUATE SCHOOL
DEPARTMENT OF OPERATIONS RESEARCH AND ADMINISTRATIVE SCIENCES
MONTEREY, CALIF 93940
PHONE: COMMERCIAL 646 + EXT

NAME: HYNES, JAMES
TITLE: ASSISTANT PROFESSOR
DIV/DEPT: 55HJ
PHONE: 2630
PROJECTS: ANNOTATED DIRECTORY OF DEFENSE ORIENTED CONTAINERIZATION
PROJECTS AND COGNIZANT PERSONNEL

NAVAL SHIP ENGINEERING CENTER
HYATTSVILLE, MARYLAND 20782

NAME: LAROUCHE, ADRIAN J. (MR)
TITLE: HEAD OF CARGO HANDLING AND STOWAGE SYSTEMS SECTION
DIV/DEPT: NAVSEC CODE 6163C
PHONE: COMMERCIAL 202-436-1171
COMMERCIAL 202-436-1164
AUTOVON 296-1171

ACTIVITIES: OFFICE FUNCTIONAL AREA OF RESPONSIBILITY WITHIN NAVSEC IS CARGO HANDLING WHICH INCLUDES CARGO LOADOUT, INTRA-SHIP HANDLING AND STOWAGE SYSTEMS. WHEN THE NAVY PROGRESSES TOWARD UTILIZATION OF CONTAINERS FOR TRANS-SHIPMENT OR REPLENISHMENT OPERATIONS, IT IS PLANNED FOR THE OFFICE TO BE INVOLVED IN THE HANDLING SYSTEMS DESIGN.

PERIPHERICALLY INVOLVED WITH THE FOLLOWING CONTAINER PROJECTS: 'OSDOC-I'; 'CONTAINERIZED ARMY BEACH DISCHARGE LIGHTER FEASIBILITY STUDY'; 'LST AS A CONTAINER HANDLING SHIP FOR NAVY RESUPPLY FEASIBILITY STUDY'.

NAVAL SHIP RESEARCH AND DEVELOPMENT CENTER
ANNAPOLIS, MARYLAND 21402

NAME: STEVENS, C. (MR)
TITLE: SENIOR PROJECT ENGINEER
CRAFT AND CARGO HANDLING SYSTEMS
DIV/DEPT: MOBILE SUPPORT SYSTEMS GROUP
CODE 1175
PHONE: COMMERCIAL 301-267-2261
IDS 1229-2261
AUTOVON 281-2261

ACTIVITIES: TECHNICAL CONSULTANT TO THE NAVY REPRESENTATIVE OF 'JTCG/CONTAINERIZATION'. PROVIDED INPUT TO THE NAVY OBJECTIVES FOR 'OSDOC-I' AND 'OSDOC-II'. PROVIDED TECHNICAL ASSISTANCE TO NAVSHIPS FOR 'IMPACT OF CONTAINERIZATION ON FUTURE SHIP DESIGN' STUDY. IS PROVIDING TECHNICAL SUPPORT TO NAVFACENGCOM FOR 'PROJECT ELF'. HAS STUDIED THE THE IMPACT OF CONTAINERIZATION ON THE 'AMPHIBIOUS ASSAULT LANDING CRAFT PROGRAM' (S14-17).

NAVAL WEAPONS HANDLING LABORATORY
NAVAL AMMUNITIONS DEPOT
OLTS NECK, NJ 07722
PHONE: COMMERCIAL 201-462-9500
AUTOVON 234-3400

NAME: CARINGI, LAWRENCE R. (MR)
TITLE: SUPERVISOR OF MANAGEMENT AND SYSTEMS ENGINEERING DIVISION
PROJECTS: CONTAINERIZED AMMUNITION LIFT

ACTIVITIES: THE LABORATORY'S MAIN EFFORTS WITH REGARD TO CONTAINERIZATION ARE CONCERNED WITH ORDNANCE/AMMUNITION. FUNDED FROM NAVORD (ORD-0524).

SPECIFIC AREAS INCLUDE CONTAINER DUNNAGING PLANS FOR AMMUNITION.

QUALIFYING COMMERCIAL ISO CONTAINERS FOR BOTH SURFACE AND WATER TRANSPORTATION INVOLVES LIAISON WITH THE DEPARTMENT OF TRANSPORTATION AND THE BUREAU OF EXPLOSIVES WITH REGARD TO SHIPPING CONTAINERS ON RAIL FLAT CARS OR CONTAINERS ON TRAILERS.

DUNNAGING PLANS FOR ORDNANCE MUST BE APPROVED BY COAST GUARD FROM STANDPOINT OF SECURITY AND EXPLOSIVE COMPATIBILITY.

NAVAL WEAPONS STATION
CONCORD, CALIFORNIA 94520

NAME: BALTAZOR, HAROLD (MR)
TITLE: INDUSTRIAL SPECIALIST
DIV/DEPT: STATION RESOURCES AND PLANNING DEPT.
CODE 053
PHONE: COMMERCIAL 415-671-2611
AUTOVON 730-1550 (EXT 2611)

ACTIVITIES: INVOLVED WITH THE PLANNING AND OPERATIONAL ASPECTS OF
'CONTAINERIZED ORDNANCE'.

OFFICE OF NAVAL RESEARCH
ARLINGTON, VA 22217
PHONE: OX2 + EXT

NAME: MILLER, RICHARD S. (LT)
TITLE: PROGRAM OFFICER, SURFACE SYSTEMS
DIV/DEPT: CODE 463
PHONE: 4412
PROJECTS: NAVAL SHIP UNDERWAY REPLENISHMENT FEASIBILITY STUDY
NAVAL SHIP UNDERWAY REPLENISHMENT CONTAINERIZATION

ACTIVITIES: OFFICE ACTS MAINLY AS A CONTRACTING FOCAL POINT FOR
PROJECTS THAT ARE INITIATED BY NAVSHIPSYSCMD.

NAME: VARLEY, T. C. (DR)
DIV/DEPT: NAVAL RESEARCH GROUP (ONR-434)
PHONE: 4313
PROJECTS: CONTAINER UNDERWAY REPLENISHMENT FEASIBILITY STUDY

NAME: SMITH, J. G. (MR)
DIV/DEPT: NAVAL RESEARCH GROUP (ONR-462)
PHONE: 4319
PROJECTS: CONTAINER UTILIZATION BENEFIT ANALYSIS

NAME: SELLGREN, C. A. (LCDR)
DIV/DEPT: SURFACE AND AMPHIBIOUS
ONR-463
PHONE: 4414
PROJECTS: EFFECT OF CONTAINER USAGE ON FUTURE SHIP DESIGN

FILE HEADING: DEPARTMENT OF DEFENSE

(MISCELLANEOUS)

DEFENSE SUPPLY AGENCY
CAMERON STATION
ALEXANDRIA, VA. 22314
PHONE: COMMERCIAL 274 + EXT

PROJECT: CONTAINERIZED SHIPMENT FOR OVERSEAS PERISHABLE SUBSISTENCE
SUPPORT

NAME: DEMPSTER, K. C. (MGEN)
TITLE: ASSISTANT DIRECTOR
DIV/DEPT: DIRECTORATE OF PLANS, PROGRAMS, AND SYSTEMS
 DSAH-L
PHONE: 6271

NAME: CORNISH, GEORGE (MR)
TITLE: SPECIAL ASSISTANT TO DIRECTOR OF MANAGEMENT PLANNING
 DIVISION
PHONE: 6326
PROJECTS: LOGISTICS SYSTEMS POLICY COMMITTEE STEERING GROUP FOR
 CONTAINERIZATION

NAME: OLIN, W. C. (CAPT, USN)
 PREISMAN, R. M. (MR)
TITLE: DIRECTOR TRANSPORTATION DIVISION
 ASSISTANT DIRECTOR
DIV/DEPT: EXECUTIVE DIRECTORATE SUPPLY OPERATIONS
 DSAH-OM
PHONE: 6754

NAME: AGEE, F. H. (MR)
DIV/DEPT: TRANSPORTATION DIVISION
 EXECUTIVE DIRECTORATE SUPPLY OPERATIONS
 DSAH-OM
PHONE: 7074, 7121
PROJECTS: SURFACE CONTAINER-SUPPORTED DISTRIBUTION SYSTEMS
 DEVELOPMENT PROJECT

NAME: MCGUIRE, L. EDWARD
TITLE: MILSTAMP SYSTEM ADMINISTRATOR
DIV/DEPT: SYSTEMS DIVISION
PHONE: 6376

ACTIVITIES: IS RESPONSIBLE FOR THE DESIGN OF SYSTEMS INCLUDING SURVEILLANCE AND TRAINING, FOR ALL MODES AND METHODS OF TRANSPORTATION EMPLOYED BY THE DOD.
AS SYSTEM ADMINISTRATOR FOR THE MILSTAMP, HE IS RESPONSIBLE FOR DATA SYSTEMS DESIGN FOR CONTAINERIZED SHIPMENTS WHICH ARE REFERRED TO AS SEA-VAN PROCEDURES WITHIN MILSTAMP.
RESPONSIBILITIES ARE CARRIED OUT UNDER THE OVERALL POLICY GUIDANCE OF THE OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE (I & L) AND IN COORDINATION WITH CERTAIN DESIGNATED PARTICIPATING SERVICE/AGENCY COMPONENTS. ALSO MAINTAINS CLOSE COORDINATION WITH CERTAIN OTHER SYSTEM ADMINISTRATORS OF DOD STANDARD LOGISTICS DATA SYSTEMS FOR INTERFACE APPLICATION REQUIREMENTS.

INDUSTRIAL COLLEGE OF THE ARMED FORCES
FORT LESLEY J. MC NAIR
WASHINGTON, D.C. 20315

PROJECT: THE IMPACT OF THE CONTAINER EXPLOSION UPON THE TRANSPORTATION INDUSTRY

PROJECT: THE ROLE AND MANAGEMENT OF CONTAINERIZATION IN LOGISTICS SUPPORT OF THE ARMY

OFFICE OF THE DIRECTOR OF DEFENSE RESEARCH AND ENGINEERING
WASHINGTON, DC 20301

PROJECT: RESUPPLY IN PEACE AND WAR BY C-5 AIRLIFT AND BY CONTAINERSHIP

FILE HEADING: GOVERNMENT AGENCIES OUTSIDE OF DOD.

OFFICE OF SHIP CONSTRUCTION
MARITIME ADMINISTRATION
U.S. DEPARTMENT OF COMMERCE
WASHINGTON, D.C. 20235

NAME: CHERRIX, CHARLES B. (MR)
TITLE: MANAGER, FINAL DESIGN
SUPERVISORY NAVAL ARCHITECT
DIV/DEPT: DIVISION OF SHIP DESIGN
PHONE: COMMERCIAL 202-254-7006
IDS 193
PROJECTS: CONTAINERSHIP DESIGN

ACTIVITIES: HAS CONDUCTED STUDIES IN CONJUNCTION WITH SHIP DESIGNS
TO DEVELOP FEASIBLE CONTAINER MODULES FOR TROOP EMBARKATION
INCLUDING GALLEY MODULES, MESSING MODULES AND BERTHING MODULES.

NAME: DICHTER, SCOTT W.
TITLE: NAVAL ARCHITECT
DIV/DEPT: CODE 724.4
PHONE: COMMERCIAL 202-254-7061
PROJECTS: ECONOMIC ANALYSIS OF UNITIZED CARGO SYSTEMS

ACTIVITIES: REVIEWS PURCHASE APPLICATIONS FOR CONTAINERS, AND
EVALUATES THE TECHNICAL FEASIBILITY OF NEW CARGO HANDLING
SYSTEMS SUBMITTED FROM R & D DIVISION.

GOVERNMENT ACCOUNTING OFFICE
WASHINGTON, DC

NAME: CONNOR, (MR)
DIV/DEPT: TRANSPORTATION DIVISION
PHONE: COMMERCIAL 386-3407
PROJECTS: EFFECTIVENESS OF CONTAINERIZATION IN HANDLING MILITARY
CARGO

NAME: FRITZ, E. (MR)
DIV/DEPT: DEFENSE DIVISION
SUPPLY MANAGEMENT GROUP
PHONE: COMMERCIAL 386-3385
PROJECTS: PACKAGING PROJECT

NATIONAL ACADEMY OF SCIENCES
NATIONAL RESEARCH COUNCIL
2101 CONSTITUTION AVE
WASHINGTON, DC 20418

NAME: LEEPER, JOHN H.
TITLE: PROJECT MANAGER
SHIP OPERATIONS COMMITTEE
PHONE: COMMERCIAL 202-961-1664
PROJECTS: CONTAINER UNDERWAY REPLENISHMENT FEASIBILITY STUDY
CONTAINERSHIP UNDERWAY REPLENISHMENT STUDY
SHIPBUILDING RESEARCH AND DEVELOPMENT PANEL
SHIPBOARD INFORMATION SYSTEM REPORT
ACTIVITIES: CONTINUED INVOLVEMENT IN AD HOC COMMITTEE STUDIES
INVOLVING THE OPERATION AND ACQUISITION OF SHIPS IN THE U.S.
MERCHANT MARINE.

OFFICE OF FACILITATION
OFFICE OF THE ASSISTANT SECRETARY OF TRANSPORTATION (POLICIES AND
INTERNATIONAL AFFAIRS)
DEPARTMENT OF TRANSPORTATION
400 7TH STREET SW
WASHINGTON, DC 20590

NAME: JOHNSTON, J. KEITH (MR)
TITLE: ASSISTANT CHIEF, TRANSPORTATION SYSTEMS DIVISION
PROJECTS: SURFACE CONTAINER-SUPPORTED DISTRIBUTION SYSTEMS
DEVELOPMENT PROJECT
CONTAINERIZED AMMUNITION DISTRIBUTION SYSTEM (CADS)
ACTIVITIES: FORMERLY WITH DOD PROJECT OFFICE FOR SURFACE
CONTAINER-SUPPORTED DISTRIBUTION SYSTEMS. NOW WORKING ON
'CONTAINER STANDARDIZATION', CUSTOMS CONVENTION, AND TCM
(COMBINED TRANSPORT) CONVENTION.

OFFICE OF THE DIRECTOR OF CIVIL DEFENSE
WASHINGTON, DC 20310

PROJECT: STORAGE STABILITY OF CIVIL DEFENSE SHELTER RATIONS

FILE HEADING: CIVILIAN FIRMS AND ASSOCIATIONS

AMERICAN ORDNANCE ASSOCIATION
TRANSPORTATION BLDG
815 17TH ST. NW
WASHINGTON, DC 20006

DESCRIPTION: PACKAGING, HANDLING, AND TRANSPORTABILITY DIVISION OF
THIS ASSOCIATION HAS INTERESTS IN CONTAINERIZATION STUDIES.

AMERICAN POWER JET COMPANY
705 GRAND AVENUE
RIDGEFIELD, NEW JERSEY 07657
PHONE: COMMERCIAL 201-945-8203

PROJECT: LOGISTIC SUPPORT IN THE VIETNAM ERA. MONOGRAPH 7 -
CONTAINERIZATION

PROJECT: U.S. ARMY CARGO CONTAINERIZATION REQUIREMENTS

PROJECT: MILVAN PILOT OPERATION EVALUATION (INTRODUCTION PHASE)

PROJECT: MILVAN PILOT OPERATIONS.. BASIC ELEMENTS OF INFORMATION

NAME: CHERNOWITZ, GEORGE (MR)
TITLE: DIRECTOR

ACTIVITIES: MEMBER U.S. STANDARDS COMMITTEE MH-1, MH-2, MH-5,
MH-10.

FORMERLY EXECUTIVE VICE PRESIDENT U.S. NATIONAL
COMMITTEE INTERNATIONAL CARGO HANDLING COORDINATION
ASSOCIATION.

'CONTAINERIZATION LESSONS OF THE VIETNAM ERA' FOR DOD
JOINT LOGISTICS REVIEW BOARD.

'DEFENSE CONTAINERIZATION (MILVAN) PROGRAM DESIGN,
TEST, AND EVALUATION' FOR THE U.S. ARMY AND DOD.

'CONTAINERIZATION OF NAVAL AVIATION MATERIAL SUPPORT
ACTIVITIES' (SEA CONTROL SHIP)

OPERATIONAL TEST AND EVALUATION OF 'CONTAINERIZED
NAVAL AVIATION MATERIAL SUPPORT' (WASP TEST)

'CONTAINERIZATION OF GROUND SUPPORT EQUIPMENT SYSTEMS'
FOR U.S. NAVY.

'CONEX SYSTEM DESIGN AND DEVELOPMENT' FOR U.S. ARMY.
'CONTAINERIZATION OF DEFENSE CARGO, WORLD WIDE'

(REQUIREMENTS, TECHNICAL FEASIBILITY, COST AND EFFECTIVENESS)
'MANAGEMENT AND CONTROL SYSTEMS FOR DEFENSE

CONTAINERIZATION'
'ANALYSIS OF CONTAINERIZATION IN OVER-THE-BEACH
OPERATIONS' FOR THE U.S. ARMY AND U.S. NAVY.

INTERRELATIONS AMONG 'CONTAINERIZATION, UNITATION AND
OPTIMAL METHODS OF CARGO DISTRIBUTION MODE' (PROJECT SUNSPOT)

'CONTAINERIZED CARGO DISTRIBUTION VISIBILITY OVERSEAS'
(PROJECT FASTFLOW)

'MATERIALS HANDLING SYSTEMS FOR CONTAINERS' (PORTS,
AMPHIBIOUS OPERATIONS AND INLAND DISTRIBUTION) FOR U.S. NAVY
AND U.S. ARMY.

AUTHUR D. LITTLE, INC.
CAMBRIDGE, MASSACHUSETTS

PROJECT: AIR TRANSPORTABLE CONTAINERS.. DESIGN CRITERIA, TECHNICAL
CHARACTERISTICS, AND DESIGN CONCEPTS

GOVERNMENT PRODUCTS GROUP
AVCO SYSTEMS DIVISION
AVCO CORPORATION
201 LOWELL STREET
WILMINGTON, MASS 01887
PHONE: COMMERCIAL 617-657 + EXTENSION

NAME: BENNETT, RICHARD V.
TITLE: MARKETING MGR., CONTAINER SYSTEMS
PHONE: 2159
PROJECTS: MODULAR/INTERMODAL CONTAINER PARAMETRIC STUDY
INTERMODAL MODULAR CONTAINER DEVELOPMENT PROJECT

NAME: WREGHITT, KENNETH W. (MR)
TITLE: PROJECT MANAGER, CONTAINERS
PHONE: 3670
PROJECTS: INTERMODAL MODULAR CONTAINER DEVELOPMENT PROJECT

NAME: MUNRO, DONALD G. (MR)
TITLE: SENIOR DESIGN ENGINEER, CONTAINERS
PHONE: 3644
PROJECTS: INTERMODAL MODULAR CONTAINER DEVELOPMENT PROJECT

BOEING COMPANY
VERTOL DIVISION
P.O. BOX 16858 (MAIL STOP P32-94)
PHILADELPHIA, PA 19142
PHONE: COMMERCIAL 215-522 + EXT

NAME: WAX, CHARLES M. (MR)
TITLE: MANAGER, CUSTOMER REQUIREMENTS
DIV/DEPT: HEAVY LIFT HELICOPTER BRANCH
PHONE: 2017/2018/2537

ACTIVITIES: MEMBER OF MH-5.1 'COMMITTEE OF AMERICAN NATIONAL
STANDARD FOR CARGO CONTAINERS'.
MEMBER OF SHIP OPERATION COMMITTEE OF 'CONTAINERSHIP
UNDERWAY REPLENISHMENT' EVALUATION PANEL, NATIONAL ACADEMY OF
SCIENCE, MARITIME TRANSPORTATION RESEARCH BOARD.
ACTIVE WITH THE ARMY IN 'OSDOC-I'.
ACTIVE WITH ARMY AND NAVY IN FOLLOW-ON ACTIVITIES TO
OSDOC-I. ('LOGLIFT-II' AND 'OFFSHORE DELIVERY OF CARGO')
ACTIVE WITH ARMY IN 'TOCSA'.

CONTROL SYSTEMS RESEARCH, INC.
1515 WILSON BLVD.
ARLINGTON, VA 22202
PHONE: COMMERCIAL 202-527-4500

NAME: LECHUS, J.
PROJECTS: CONTAINER - MHE TRADEOFF ANALYSIS
CONTAINER UTILIZATION BENEFIT ANALYSIS

NAME: BERGER, S.
PROJECTS: CONTAINER PROTOTYPE CHARACTERISTICS AND QUALIFICATION
CRITERIA STUDY
A CRITICAL ANALYSIS OF THE STATE-OF-THE-ART IN
CONTAINERIZATION

DECISION SCIENCES, INC.

PROJECT: SEA BASED EXPEDITIONARY FORCES (1980)

DOUGLAS AIRCRAFT COMPANY
LONG BEACH CALIF.

PROJECT: POST-1971 MATERIALS HANDLING STUDY

E. G. FRANKEL, INC.
CAMBRIDGE, MASS.

NAME: FRANKEL, E. G.
PROJECTS: DESIGN ANALYSIS AND TRADE-OFF STUDIES OF A LIGHTERAGE
SYSTEM

GRUMMAN AIRCRAFT
1800 N KENT AVE
ARLINGTON, VA
PHONE: COMMERCIAL 202-522-2600

PROJECT: CARRIER CONTAINERIZATION CONCEPT STUDY

INSTITUTE FOR DEFENSE ANALYSES
400 ARMY-NAVY DRIVE
ARLINGTON, VA 22202

PROJECT: RESUPPLY IN PEACE AND WAR BY C-5 AIRLIFT AND BY
CONTAINERSHIP

NAME: COHEN, R. H.
PROJECTS: CURRENT SURFACE CARGO FLOWS, CONTAINER ELIGIBLE AND
NON-ELIGIBLE COMMODITIES
POTENTIAL IMPACT OF CONTAINER SERVICES ON MILITARY
SUPPLY PIPELINES

KAISER ENGINEERS
DIVISION OF KAISER INDUSTRIES CORP
900 17TH NW
WASHINGTON, DC
PHONE: COMMERCIAL 202-296-5161

PROJECT: CONCEPTUAL STUDY OF MILITARY OCEAN TERMINALS, BAY AREA AND
BAYONNE

NORTH AMERICAN ROCKWELL CORP.
AUTONETICS DIV.
ANAHEIM, CALIF.

PROJECT: A REPORT ON BASIC PRINCIPLES OF PACKAGING MGMT, DESIGN, AND
CONTROL

PLANNING RESEARCH CORPORATION
1875 CONNECTICUT AVE N.W.
WASHINGTON, D.C. 20009

NAME: CASSADAY, GEORGE C. (MR)
PROJECTS: SHIP/HELICOPTER EXTENDED DELIVERY SYSTEM (OPERATION
SHEDS)

PRESEARCH, INC.
8720 GEORGIA AVENUE
SILVER SPRING, MD 20910
PHONE: COMMERCIAL 301-587-4510

NAME: BETTS, MARTIN B.

ACTIVITIES: PRESEARCH, INC. STUDY FOR NAVSHIPS. OBJECTIVE:
DETERMINE 'IMPACT OF CONTAINERIZATION ON FUTURE NAVY SHIP
DESIGN'. FINAL REPORT DISTRIBUTED MARCH 1972.
PRESEARCH, INC. STUDY FOR NAVSHIPS. OBJECTIVE:
DETERMINE ALTERNATIVE METHODS FOR ACQUIRING 'UNDERWAY
REPLENISHMENT' CAPABILITY USING COMMERCIAL CONTAINERSHIPS OR
BARGE CARRIERS. STUDY IN DOCUMENTATION STAGE.
PRESEARCH, INC. STUDY FOR NAVSHIPS. OBJECTIVE: EXAMINE
'RESUPPLY OF AMPHIBIOUS FORCES OPERATING IN AN AMPHIBIOUS
OBJECTIVE AREA'. THE USE OF CONTAINERSHIPS, CONTAINERS, AND
BARGE CARRIERS TO BE INCLUDED.

NAME: COX, T. CHANDLER (MR)

PROJECTS: NAVAL SHIP UNDERWAY REPLENISHMENT CONTAINERIZATION
CONTAINERSHIP UNDERWAY REPLENISHMENT
AMPHIBIOUS RESUPPLY
IMPACT OF CONTAINERIZATION ON FUTURE SHIP DESIGN

ACTIVITIES: PRESEARCH, INC. STUDY FOR NAVSHIPS. OBJECTIVE:
DETERMINE IMPACT OF CONTAINERIZATION ON FUTURE NAVY SHIP
DESIGN. FINAL REPORT TO BE DISTRIBUTED MARCH 1972.

PRESEARCH, INC. STUDY FOR NAVSHIPS. OBJECTIVE:
DETERMINE ALTERNATIVE METHODS FOR ACQUIRING UNDERWAY
REPLENISHMENT CAPABILITY USING COMMERCIAL CONTAINERSHIPS OR
BARGE CARRIERS. STUDY IN DOCUMENTATION STAGE (MARCH 1972).

PRESEARCH, INC. STUDY FOR NAVSHIPS. OBJECTIVE: EXAMINE
RESUPPLY OF AMPHIBIOUS FORCES OPERATING IN AN AMPHIBIOUS
OBJECTIVE AREA. THE USE OF CONTAINERS, CONTAINERSHIPS AND BARGE
CARRIERS IS TO BE INCLUDED.

RAND CORPORATION
1700 MAIN ST.
SANTA MONICA, CALIF. 90406

NAME: GOELLER, BRUCE F.

PROJECTS: FREIGHT TRANSPORT IN URBAN AREAS.. ISSUES FOR RESEARCH
AND ACTION (1970)

RESEARCH AND DEVELOPMENT ASSOCIATES, INC.
U. S. ARMY NATICK LABORATORIES
NATICK, MASS. 01760

DESCRIPTION: THIS ASSOCIATION IS A NON-PROFIT MILITARY-INDUSTRIAL
LIAISON ORGANIZATION IN THE FIELDS OF FOOD AND CONTAINER
RESEARCH DEVELOPMENT.

RESEARCH ASSOCIATES, INC.
8525 COLESVILLE ROAD
SILVER SPRING, MD 20910
PHONE: COMMERCIAL 202-588-2444

NAME: ZUBKOFF, M.

PROJECTS: INTEGRATED SEA-LIFT STUDY

SIKORSKY
DIVISION OF UNITED AIRCRAFT CORP
1725 DESALES NW
WASHINGTON, DC
PHONE: COMMERCIAL 202-296-7600

PROJECT: A DESCRIPTION OF MTMTS CONTAINER WEIGHTS

SOCIETY OF LOGISTICS ENGINEERS
SUITE 304
1411 W. OLYMPIC BLVD
LOS ANGELES, CALIF. 90015

DESCRIPTION: THIS PROFESSIONAL SOCIETY PROVIDES A MEDIUM FOR
INFORMATION EXCHANGE IN THE AREA OF LOGISTICS.

STANFORD RESEARCH INSTITUTE
333 RAVENSWOOD AVE
MENLO PARK, CALIF
PHONE: COMMERCIAL 415-326-6200

NAME: WILDER, H. B., JR. (MR)
TITLE: MANAGER, TACTICAL LOGISTICS AND MOBILITY PROGRAM
SENIOR SYSTEMS ANALYST
DIV/DEPT: NAVAL WARFARE RESEARCH CENTER
(NWRL/SRI)
PHONE: EXTENSION 3066
PROJECTS: LOGISTICS SUPPORT ASHORE FOR SUSTAINED OPERATIONS
(1980-1990)
SYSTEMS ANALYSIS OF THE SEABORNE MOBILE LOGISTICS
SYSTEMS CONCEPT, 1975-85

ACTIVITIES: EXAMINES U.S. MARINE CORPS COMBAT SERVICE SUPPORT, AND
THE EFFECTS OF CONTAINERIZATION THERE-ON.

STANLEY ASSOCIATES, INC.
SUITE 904
1001 CONNECTICUT AVENUE NW
WASHINGTON, DC 20024
PHONE: COMMERCIAL 202-347 + EXT

NAME: MCSHANE, BARNEY (MR)
TITLE: VICE PRESIDENT
PHONE: 7077

ACTIVITIES: PRINCIPLE INVESTIGATOR FOR STUDY IN 'AMPHIBIOUS
LOGISTICS' FOR COMMANDER, NAVAL SHIP SYSTEMS COMMAND (03Z2C).
THIS STUDY IS INVESTIGATING, AMONG OTHER THINGS, THE IMPACT OF
CONTAINERIZATION AND NON-SELF SUSTAINING CONTAINER SHIPS ON THE
LOGISTICAL SUPPORT OF FUTURE AMPHIBIOUS OPERATIONS.

TRIANGLE RESEARCH CORPORATION
6000 STEVENSON AVE
ALEXANDRIA, VA
PHONE: COMMERCIAL 202-751-4881

NAME: CORBETT, R., JR. (MR)
PROJECTS: A DESCRIPTION OF MTMTS CONTAINER WEIGHTS

FILE HEADING: RELEVANT PERIODICALS

ARMY LOGISTICIAN
U. S. ARMY LOGISTICS MANAGEMENT CENTER
FORT LEE, VA 23801

AVIATION WEEK AND SPACE TECHNOLOGY
P.O. BOX 430
HIGHTSTOWN, N.J. 08520

CONTAINERIZATION INTERNATIONAL
THE NATIONAL MAGAZINE COMPANY, LTD
680 GARRATT LANE
LONDON SW170NP, ENGLAND

CONTAINER NEWS
CONTAINER NEWS, INC.
150 E 52ND STREET
NEW YORK, NEW YORK 10022

DEFENSE INDUSTRY BULLETIN
DEFENSE SUPPLY AGENCY
CAMERON STATION
ALEXANDRIA, VA 22314

DEFENSE TRANSPORTATION
NATIONAL DEFENSE TRANSPORTATION ASSOC.
1612 K ST. NW
WASHINGTON, DC 20006

INDUSTRIAL ENGINEERING
(FORMERLY JOURNAL OF INDUSTRIAL ENGINEERING)
AMERICAN INSTITUTE OF INDUSTRIAL ENGINEERS, INC.
345 EAST 47TH ST.
NEW YORK, N. Y. 10017

MILITARY ENGINEER
SOCIETY OF AMERICAN MILITARY ENGINEERS
FLEMING BLDG.
WASHINGTON, DC 20006

MILITARY REVIEW
U.S. ARMY COMMAND AND GENERAL STAFF COLLEGE
FORT LEAVENWORTH, KANSAS 66027

NAVAL WAR COLLEGE REVIEW
U.S. NAVAL WAR COLLEGE
NEWPORT, RI 02844

NAVAL SUPPLY CORPS NEWSLETTER
SUPPLY SYSTEMS COMMAND (09D2)
NAVY DEPARTMENT
WASHINGTON D.C. 20390

TRAFFIC MANAGEMENT
CAHNERS PUBLISHING CO.
205 E 42 STREET
NEW YORK, N. Y. 10017

TRANSLOG
(FORMERLY TRANSPORTATION PROCEEDINGS)
MILITARY TRAFFIC MANAGEMENT AND TERMINAL SERVICE
WASHINGTON, DC 20315

S E C T I O N I I

FILE HEADING: PROJECT FILE

PROJECT: A CONCEPT FOR AN AUTOMATED CONTAINERIZED STRATEGIC STORAGE
SITE
DESCRIPTION: PAPER BY MAJOR GENERAL WILLIAM N. REDLING, PUBLISHED
1967.

PROJECT: A CRITICAL ANALYSIS OF THE STATE-OF-THE-ART IN
CONTAINERIZATION
DESCRIPTION: DETERMINED. PREFERRED OPERATIONAL ATTRIBUTES AND
CHARACTERISTICS OF CONTAINERS INCLUDING USE OF DAMAGE
STATISTICS AND MAINTENANCE REQUIREMENTS TO CALCULATE LIFE
CYCLE COSTS OF EACH MAJOR CONTAINER TYPE (I.E. ALUMINUM,
STEEL, FRP/PLYWOOD).

PROJECT: A DESCRIPTION OF MTMTS CONTAINER WEIGHTS
DESCRIPTION: ANALYSIS OF CONTAINER WEIGHT, CUBE UTILIZATION AND
COMMODITY BY CONTAINER SIZE OF MTMTS SHIPMENTS FOR EAST AND
WEST PORTS. SPONSORED BY SIKORSKY. PREPARED BY TRIANGLE
RESEARCH CORP.

PROJECT: A MODULAR CONTAINER SCHEDULING AND LOAD PLANNING SYSTEM FOR
USE WITH THE C-5A TRANSPORT
DESCRIPTION: THESIS BY CAPTAINS BARRY B. BEAMAN AND WILLIAM H.
KUIPER, USAF PUBLISHED AUG 70. THE OBJECTIVES OF THIS THESIS
WERE TO DEVELOP AN AUTOMATED, AIRCRAFT CARGO SCHEDULING AND
LOAD PLANNING SYSTEM WHICH UTILIZES THE MODULAR CONTAINER AS
THE BASIS FOR A STANDARD CARGO VOLUME APPROACH AND TO TEST THE
COMPLETED PROGRAM BY SIMULATION USING DATA GENERATED FROM
RANDCM GENERATORS SIMILAR TO THOSE USED IN THE GENERAL
ACTIVITIES SIMULATION PROGRAM (GASP).

PROJECT: A REPORT ON BASIC PRINCIPLES OF PACKAGING MGMT, DESIGN, AND
CONTROL
DESCRIPTION: THIS REPORT PROVIDES BASIC GUIDELINES FOR MANAGING A
PACKAGING PROGRAM. PUBLISHED APRIL 1967. PREPARED BY V. J.
PACHIANO.

PROJECT: ADMIRAL CALLAGHAN COST AND PERFORMANCE EVALUATION
DESCRIPTION: REPORT BY JAMES E. ROSE, JR., AND FRANK QUINN,
PUBLISHED JUNE 69.
THE PURPOSE OF THIS STUDY IS TO PERFORM A COST AND
PERFORMANCE EVALUATION OF THE LOGISTICAL IMPACT OF THE
OPERATIONS OF THE ADMIRAL WILLIAM M. CALLAGHAN, A ROLL-ON,
ROLL-OFF VESSEL.

PROJECT: AIR CUSHION HEAVY LIFT PONTOON
DESCRIPTION: PREPARED BY C. I. SKAALEN, PUBLICATION DUE NOV 1971.
CONSIDERED THE FEASIBILITY OF USING AN AIR CUSHION
BARGE AS A TOWED MATERIALS HANDLING VEHICLE.

PROJECT: AIR TRANSPORTABLE CONTAINERS.. DESIGN CRITERIA, TECHNICAL
CHARACTERISTICS, AND DESIGN CONCEPTS
DESCRIPTION: THIS REPORT PRESENTS THE RESULTS OF A STUDY TO
DETERMINE THE FEASIBILITY OF CONTAINERIZATION FOR ARMY
RESUPPLY AIRLIFT ITEMS. PUBLISHED JUNE 1965.
PREPARED BY C. W. WOOD, J. H. WATTS, AND R. M. LUCAS.
(AUTHOR D. LITTLE, INC.)

PROJECT: AMMUNITION CONTAINER STUDY
DESCRIPTION: PTA SUBMITTED TO CNO TO ESTABLISH PORT-TO-PORT SERVICE UTILIZING EXISTING SELF-SUSTAINING CONTAINER SHIPS AND CONTAINERS. THEN PORT-TO-PORT SERVICE WITH NON-SELF-SUSTAINING CONTAINERSHIPS AND DOCKSIDE CONTAINER CRANES. AND STUDY OF COMBAT RESUPPLY SHIP (AES) FOR UNREP OF NAVY COMBATANTS UTILIZING CONTAINERS AND HLH. SPONSORED AND PERFORMED BY NAVORD.

PROJECT: AMPHIBIOUS AND RESUPPLY CONTAINER REQUIREMENTS TO SUPPORT MARINE CORPS DEPLOYED FORCES OVERSEAS
DESCRIPTION: DETERMINE TO WHAT EXTENT AND IN WHAT WAY CONTAINERIZATION CAN BE EFFECTIVELY EMPLOYED IN AMPHIBIOUS OPERATIONS, AND TO IDENTIFY CONTAINER TYPE AND HANDLING EQUIPMENT REQUIREMENTS. SPONSORED BY CMC.

PROJECT: AMPHIBIOUS CONTAINERIZATION
DESCRIPTION: THE PURPOSE OF THIS PROJECT IS TO ESTABLISH CARGO UNIT LOAD (PALLET/CONTAINER) OBJECTIVES FOR AMPHIBIOUS OPERATIONS IN THE MID-RANGE AND TO DEVELOP A GENERAL PLAN OF ACTION TO REACH THESE OBJECTIVES.
PERFORMED BY AMPHIBIOUS WARFARE BOARD, AND MARINE CORPS DEVELOPMENT CENTER.
(AUGUST 1970)

PROJECT: AMPHIBIOUS ASSAULT PACKAGING PROGRAM
DESCRIPTION: DETERMINE IF PRESENT AND FUTURE CONTAINERS (SIZE, TYPE) WILL PROTECT CARGO FROM THE ENVIRONMENTS ASSOCIATED WITH THE NEW AMPHIBIOUS ASSAULT CRAFT. SPONSORED BY NAVSHIPS 03412. PREPARED BY NAVSUP.

PROJECT: ANALYSIS OF A FORCE DEPLOYMENT VIA BARGE CARRYING SHIPS (AFD-BS)
DESCRIPTION: IN-HOUSE STUDY BY H. K. HOLMAN AND OTHERS, PUBLISHED AUG 71. THIS IS A PRELIMINARY STUDY DESIGNED TO ESTIMATE THE POTENTIAL OF BARGE-CARRYING SHIPS FOR UNIT DEPLOYMENT.

PROJECT: ANALYSIS OF A FORCE DEPLOYMENT VIA SHIPPING - 1976 TIME PERIOD (AFD)
DESCRIPTION: IN-HOUSE STUDY BY H. K. HOLMAN AND OTHERS, PUBLISHED JUNE 71. THE OBJECTIVE OF THIS STUDY IS TO DETERMINE HOW MODERN SHIPPING CAN BE USED TO SUPPORT FORCE DEPLOYMENTS, MINIMIZING THE NUMBER OF SHIPS TO BE UTILIZED.

PROJECT: ARAPAHO CONCEPT
DESCRIPTION: ADVANCE DEVELOPMENT OF AVIATION SUPPORT (CONTAINER) CONCEPT FOR SPECIFIC NAVY MISSIONS.

PROJECT: ARMY IN THE FIELD CONTAINER SYSTEM STUDY
DESCRIPTION: THE PURPOSE OF AFCSS IS TO DEVELOP A CONTAINER DISTRIBUTION SYSTEM FOR THE ARMY IN THE FIELD IN WHICH CONTAINERIZATION IS UTILIZED TO ITS GREATEST POTENTIAL FOR DELIVERY OF SUPPLIES DIRECTLY AND EXPEDITIOUSLY TO THE LOWEST PRACTICAL ECHELON OF DEPLOYED ARMY FORCES.

PROJECT: BARE BASE DEVELOPMENT PROGRAM
DESCRIPTION: ALL EQUIPMENT FOR ESTABLISHING A TEMPORARY AIR FIELD IN 24 HOURS IS CONTAINERIZED AND AIR LIFTED. THIS INCLUDES LIVING QUARTERS, HANGERS, REPAIR SHOPS, SPARES, ETC. SPONSORED BY USAF.

PROJECT: CAPFORCE - NATO

DESCRIPTION: A JCS STUDY ON THE CAPABILITY OF THE U.S. TO REINFORCE NATO. A MOBILITY ANALYSIS. ON-GOING 1973.

PROJECT: CARRIER CONTAINERIZATION CONCEPT STUDY

DESCRIPTION: FEASIBILITY OF RETROFITTING CARRIERS WITH CONTAINER MODULES CONSISTING OF AIRCRAFT MAINTENANCE AND TEST EQUIPMENT. SPONSORED BY NAVAIR. PREPARED BY GRUMMAN.

PROJECT: COMPARATIVE ANALYSIS OF FOUR BREAKWATERS FOR AN EXPEDITIONARY LOGISTICS FACILITY

DESCRIPTION: PREPARED BY D. B. JONES, PUBLICATION DUE NOV 1971. EVALUATED THE LOGISTICS BURDEN OF FOUR HIGHEST RATED BREAKWATERS SUITABLE FOR ADVANCED BASE AND AMPHIBIOUS RESUPPLY.

PROJECT: CONCEPTUAL STUDY OF MILITARY OCEAN TERMINALS, BAY AREA AND BAYONNE

DESCRIPTION: CONCEPTUAL STUDY OF OAKLAND AND BAYONNE MILITARY OCEAN TERMINALS TO MEET THE ANTICIPATED MILITARY SHIPPING REQUIREMENTS THROUGH 1990 WITH EMPHASIS ON CONTAINERIZATION. SPONSORED BY MTMTS.

PROJECT: CONSOLIDATION OF CONTAINERIZABLE CARGO

DESCRIPTION: IN-HOUSE STUDY BY HARLAN K. HOLMAN, PUBLISHED SEPT 69. THIS STUDY WAS CONDUCTED TO DETERMINE THE FEASIBILITY OF ESTABLISHING CONUS INLAND DEPARTMENT OF DEFENSE CONSOLIDATION POINTS FOR EXPORT OF CONTAINERIZABLE CARGO.

PROJECT: CONTAINER CONTENTS IDENTIFICATION SYSTEM

DESCRIPTION: A PROJECT CONCERNED WITH COMPUTERIZED SYSTEMS FOR IDENTIFYING THE CONTENTS OF SEALED CONTAINERS IN THE FIELD. ON-GOING 1972.

PROJECT: CONTAINER HANDLING EQUIPMENT FOR ADVANCED BASES

DESCRIPTION: STUDY TO FORMULATE HANDLING EQUIPMENT CONCEPTS FOR UNLOADING NON-SELF SUSTAINING CONTAINER SHIPS AT UNDEVELOPED PORT AREAS.

PROJECT: CONTAINER - MHE TRADEOFF ANALYSIS

DESCRIPTION: AN ANALYSIS EXAMINING THE TRADEOFF BETWEEN CONTAINER UTILIZATION IN THE FIELD AND MATERIAL HANDLING EQUIPMENT REQUIREMENTS. ON-GOING 1972.

PROJECT: CONTAINER MATERIALS STUDY

DESCRIPTION: DETERMINE ON A LIFE CYCLE COST EFFECTIVENESS BASIS THE OPTIMUM PANEL MATERIAL FOR USE IN FUTURE CONTAINERS. SPONSORED BY AMC.

PROJECT: CONTAINER PROTOTYPE CHARACTERISTICS AND QUALIFICATION CRITERIA STUDY

DESCRIPTION: DETERMINES TEST PROCEDURES FOR SIMULATION OF ACTUAL MILITARY SERVICE AND PLANS THE RANGE OF PHYSICAL CHARACTERISTICS TO BE INCLUDED IN THE PROTOTYPES FOR TESTING. SPONSORED BY MOBILITY EQUIPMENT R AND D CENTER, FORT BELVOIR, VA. PREPARED BY CSR.

PROJECT: CONTAINER REQUIREMENTS AND SHIPPING FREQUENCY UNDER THE
 DESCRIPTION: DIRECT SUPPLY SUPPORT SYSTEM
 REPORT, PUBLISHED SEP 70. THIS REPORT FOCUSES ON THE DEVELOPMENT OF MINIMAL COST SHIPPING POLICIES. THE ANALYSIS IS CARRIED OUT IN TERMS OF A COMPARATIVE COST MODEL, USING A SIMULATION PROGRAM IN CONJUNCTION WITH THE REQUIRED COST CONVERSION FACTORS. APPLICATION IS LIMITED TO SEA SHIPMENT UNDER VARIOUS THRUPTUT VOLUME ASSUMPTIONS, PER DIRECT SUPPORT UNIT. (DISTRIBUTION CONTROLLED. ALL REQUESTS TO COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND, ATTN: AMCDT, WASHINGTON, D.C. 20315.)

PROJECT: CONTAINER UNDERWAY REPLENISHMENT FEASIBILITY STUDY
 DESCRIPTION: DETERMINE IF NAVY SHIPS CAN INTERFACE WITH MERCHANT CONTAINERSHIPS FOR UNDER WAY REPLENISHMENT DURING A CONTINGENCY. SPONSORED BY ONR. PREPARED BY NAS/NRC.

PROJECT: CONTAINER UTILIZATION BENEFIT ANALYSIS
 DESCRIPTION: DEVELOPS METHODOLOGY TO MEASURE THE BENEFIT THAT MAY ACCRUE FROM THE APPLICATION OF CONTAINERS IN SELECTED NAVY TACTICAL OPERATIONS. SPONSORED BY ONR. PREPARED BY CSR.

PROJECT: CONTAINERIZATION ENGINEERING EVALUATION, CONUS WATER
 DESCRIPTION: TERMINAL-MARSHALLING
 A CONTRACT STUDY BY AMERICAN POWER JET COMPANY, PUBLISHED DEC 68.
 THIS REPORT IS ONE IN A SERIES OF NINE DOCUMENTS PROVIDING FOR ORGANIZED COLLECTION OF REQUIRED INFORMATION BY THE MILVAN FIELD ANALYSTS. IT PROVIDES QUESTIONNAIRES TO OBTAIN INFORMATION ON MARSHALLING YARDS OF WATER TERMINALS IN THE CONTINENTAL UNITED STATES.

PROJECT: CONTAINERIZATION IN AMPHIBIOUS ASSAULT
 DESCRIPTION: DETERMINED THE COMPATIBILITY OF EXISTING AND PROGRAMMED AMPHIBIOUS TASK FORCE CARGO HANDLING COMPONENTS (SHIPS, LANDING CRAFT, HELICOPTERS, CRANES, ETC) WITH VARIOUS CARGO UNIT LOADS INCLUDING STANDARD SIZE CONTAINERS. SPONSORED BY AMPHIBIOUS WARFARE BOARD. (COMPHIBTRALANT)

PROJECT: CONTAINERIZATION OF AERONAUTICAL FUNCTIONS FOR THE SCSS
 DESCRIPTION: PROGRAM
 (SCSS=SEA CONTROL SHIP SYSTEM)
 DETERMINE FUNCTIONS TO BE CONTAINERIZED AND NUMBERS OF CONTAINERS REQUIRED TO BE ACCOMMODATED IN THE DESIGN OF THE SEA CONTROL SHIP.

PROJECT: CONTAINERIZED AMMUNITION DISTRIBUTION SYSTEM (CADS)
 DESCRIPTION: DESIGN AN OPTIMUM CONTAINER AND SYSTEM FOR DELIVERY OF AMMUNITION FROM CONUS SOURCES TO OVERSEAS CONSUMPTION POINTS. SPONSORED BY AMC.

PROJECT: CONTAINERIZED AMMUNITION LIFT
 DESCRIPTION: INVOLVED A TEST SHIPMENT OF 525 CONTAINERS OF BOMBS AND ASSOCIATED COMPONENTS FROM NAD EARLE TO THE PHILIPINES IN A SELF-SUSTAINING CONTAINERSHIP DURING OCTOBER 1971. DATA WAS OBTAINED WHICH WILL BE USED TO GAIN APPROVAL FOR THE USE OF COMMERCIAL ISO CONTAINERS FOR TRANSPORT OF AMMUNITION (VIA ALL MODES) IN ADDITION TO THE ALREADY QUALIFIED ARMY MILVANS.

PROJECT: CONTAINERIZED ARMY BEACH DISCHARGE LIGHTER FEASIBILITY STUDY

DESCRIPTION: A FEASIBILITY STUDY OF PROVIDING AN ARMY BEACH DISCHARGE LIGHTER WITH CRANE FACILITIES TO ALLOW UNLOADING NON-SELF SUSTAINING CONTAINERSHIPS IN SHELTERED HARBORS. COMPLETED IN JAN 1971.

PROJECT: CONTAINERIZED/MODULARIZED MAINTENANCE SUPPORT OF AIRCRAFT ABOARD NAVAL SHIPS

DESCRIPTION: DEVELOP A FIRM TECHNICAL BASE FOR CONTAINERIZED/MODULARIZED AIRCRAFT MAINTENANCE SUPPORT ABOARD NAVAL SHIPS.

PROJECT: CONTAINERIZED ORDNANCE

DESCRIPTION: A TECHNICAL PLAN DEVELOPED UNDER NAVORD FOR IMPLEMENTING CONTAINERIZED ORDNANCE. THE PLAN INCLUDES MAJOR MILCON IMPROVEMENTS TO NAVORD FACILITIES AND NEW EQUIPMENTS REQUIRED TO GIVE THE NAVY CAPABILITY TO OUT/OFFLOAD CONTAINERSHIPS BY JAN 1976. INCLUDES DEVELOPMENT OF CONTAINER BLOCKING AND BRACING, SPECIAL HANDLING EQUIPMENT, TESTING AND FINAL DOCUMENTATION FOR USE.

PROJECT: CONTAINERIZED SHIPMENT FOR OVERSEAS PERISHABLE SUBSISTENCE SUPPORT

DESCRIPTION: REPORT, PUBLISHED AUG 69. THE OBJECTIVE OF THIS REPORT IS TO DETERMINE THE COST EFFECTIVENESS OF A CONTAINERIZED SYSTEM AS THE SOLE METHOD OF SHIPPING PERISHABLE SUBSISTENCE FOR OVERSEAS SUPPORT.

PROJECT: CURRENT SURFACE CARGO FLOWS, CONTAINER ELIGIBLE AND NON-ELIGIBLE COMMODITIES

DESCRIPTION: THIS PAPER SETS FORTH INFORMATION REGARDING SHIPMENT FLOWS FOR CONTAINER-ELIGIBLE AND NON-CONTAINER-ELIGIBLE COMMODITY CLASSES. PUBLISHED MAR 1970.

PROJECT: CYBERNETIC ANTHROPOMORPHIC MACHINE

DESCRIPTION: PROJECT ANALYZES FEASIBILITY OF USING A C.A.M. FOR STUFFING AND UNSTUFFING CONTAINERS. BEING PREPARED IN CONJUNCTION WITH MATERIALS CONCEPT GROUP, GENERAL ELECTRIC CORPORATION. ON-GOING 1972.

PROJECT: DECISION GUIDELINES FOR UNITIZATION VERSUS LOOSE STOW IN CONTAINERS

DESCRIPTION: IN-HOUSE STUDY PUBLISHED OCT 71.

PROJECT: DEPARTMENT OF DEFENSE AMMUNITION TEST SHIPMENT IN SEA-LAND CONTAINERS

DESCRIPTION: REPORT BY JOHN H. GRIER, PUBLISHED APRIL 70. THE U.S. ARMY TRANSPORTATION ENGINEERING AGENCY (USATEA) PARTICIPATED IN THE DEVELOPMENT OF SHIPPING PROCEDURES FOR EIGHT DIFFERENT TYPES OF AMMUNITION WHICH WERE USED IN THE INITIAL DEPARTMENT OF DEFENSE TEST SHIPMENT IN SEA-LAND SHIPPING CONTAINERS TO THE REPUBLIC OF VIETNAM.

PROJECT: DESIGN ANALYSIS AND TRADE-OFF STUDIES OF A LIGHTERAGE SYSTEM

DESCRIPTION: A COMPARATIVE STUDY OF THE COST-EFFECTIVENESS OF A ONE BARGE DISCHARGE LIGHTER (BDL), MARK 2, AGAINST THE COST-EFFECTIVENESS OF A COMPANY OF TWELVE LANDING CRAFT UTILITY (LCU) OF THE 1610 CLASS IN THE OFF-LOADING OF CONTAINERIZED CARGO (MILVANS) FROM CARGO SHIPS. PUBLISHED JUNE 1971.

PROJECT: DEVELOPMENT OF MATERIALS HANDLING CONCEPT FOR NAVAL
 DESCRIPTION: ADVANCED BASE PORTS
 PREPARED BY GEORGE G. SHARP, INC. SPONSORED BY NCEL.
 INVESTIGATES PROPULSION OF DELONG TYPE BARGES AND
 FITTED WITH A SPECIAL CONTAINER GANTRY CRANE.

PROJECT: DEVELOPMENT OF PLYWOOD INSERT CONTAINERS FOR CONEX
 DESCRIPTION: IN-HOUSE STUDY, PUBLISHED SEP 69. A TEST WAS
 CONDUCTED USING DEMOUNTABLE DRY CARGO CONTAINERS FOR SHIPMENTS
 OF MILITARY SUPPLIES TO DETERMINE THE EXTENT OF PACKAGING,
 PACKING AND MARKING REDUCTIONS THAT CAN BE MADE WHEN MATERIEL
 IS SHIPPED IN MILVANS OR SEAVANS FROM ONE CONSIGNOR TO ONE
 ULTIMATE CONSIGNEE.

PROJECT: EFFECTIVENESS OF CONTAINERIZATION IN HANDLING MILITARY
 CARGO
 DESCRIPTION: STUDY OF UTILIZATION BY MILITARY OF RATE BREAKS
 AVAILABLE FOR CONTAINER SHIPMENTS TO RVN. SPONSORED BY DOD.
 PREPARED BY GAO.

PROJECT: EFFECT OF CONTAINER USAGE ON FUTURE SHIP DESIGN
 DESCRIPTION: NAVY-WIDE LOOK AT ALL SHIP TYPES, BUT NOT THE
 SHIP-TO-SHORE LINK. SPONSORED BY NAVSHIPS. PREPARED BY
 PRESEARCH, INC.

PROJECT: ENVIRONMENTAL ANALYSIS FOR PORTABLE PORTS
 DESCRIPTION: PREPARED BY OCEAN SCIENCE AND ENGINEERING COMPANY FOR
 NCEL, SPONSORED BY NAVFAC, NOV 1970.
 ANALYZED THE ENVIRONMENT AND 10 SITES AND EVALUATED
 THE NEED FOR BREAKWATERS.

PROJECT: FIELD MATERIALS HANDLING EQUIPMENT FAMILY STUDY
 DESCRIPTION: THE PURPOSE OF THE STUDY WAS TO DETERMINE THE MOST
 EFFICIENT INTEGRATED SYSTEM OF MATERIALS HANDLING EQUIPMENT
 AND METHODS TO SUPPORT THE ARMY IN THE FIELD. THE SCOPE OF THE
 STUDY ENCOMPASSED THE ENTIRE SPECTRUM OF MECHANICAL DEVICES
 FOR THE HANDLING OF SUPPLIES THROUGH AND FROM TERMINALS,
 WAREHOUSES, AND STORAGE AREAS, DOWN TO THE USING UNIT. THE
 LATEST TECHNOLOGY IN UNITIZATION, PALLETIZATION, AND
 CONTAINERIZATION IS ALSO DISCUSSED. SPECIFIC RECOMMENDATIONS
 ARE DEVELOPED FOR A FAMILY OF MATERIALS HANDLING EQUIPMENT.

PROJECT: FLEET REPLENISHMENT STUDY
 DESCRIPTION: WILL RECOMMEND THAT NAVY BUILD AMMUNITION CONTAINER
 SHIPS FOR USE IN FUTURE UNDERWAY REPLENISHMENT OPERATIONS.
 SPONSORED BY CNO. PERPARED BY CNA.

PROJECT: HANDLING OF MILVANS IN DEPOT OPERATIONS
 DESCRIPTION: IN-HOUSE STUDY PUBLISHED MARCH 72.
 DESCRIBES PROCEDURES AND PROBLEMS ASSOCIATED WITH THE
 DEPOT HANDLING OF MILVANS.

PROJECT: IMPACT OF CONTAINERIZATION ON STRATEGIC PLANNING
 DESCRIPTION: REPORT BY LIEUTENANT COLONEL TOM L. BIND, USA.,
 PUBLISHED MARCH 71. THIS REPORT EXAMINES THE IMPACT OF THE
 CONVERSION OF THE U.S. MERCHANTFLEET FROM BREAKBULK TO
 CONTAINERIZATION ON STRATEGIC MOBILITY. ALSO EXAMINED ARE THE
 PROBLEMS OF PORT CONGESTION. AN ATTEMPT IS MADE TO INCORPORATE
 NEW SHIP DESIGNS AND THEIR CAPABILITIES INTO THE STRATEGIC
 MOBILITY REQUIREMENTS AND THEN PRESENT A FRANK PICTURE OF THE
 MILITARY CAPABILITY TO RESPOND TO CONTINGENCY OPERATIONS
 WORLD-WIDE.

PROJECT: IMPACT OF CONTAINERIZATION ON THE ADVANCED LANDING CRAFT
DESCRIPTION: PREPARED BY R. W. JULIAN, MAR 1971, TECH REPORT
R-717. ASSESSED THE EFFECT OF MILITARY CONTAINERIZATION UPON
NEW LANDING CRAFT DEVELOPMENT PROGRAMS.

PROJECT: INTEGRATED SEA-LIFT STUDY
DESCRIPTION: MATHEMATICAL MODEL WILL CHOOSE AND DIRECT PROPER
CONTAINER SHIP TO PORT TO PICK UP CONTAINERIZED MATERIAL.
SPONSORED BY CNO. PREPARED BY RESEARCH ASSOCIATES, INC.

PROJECT: INTEGRATED SUPPLY DISTRIBUTION AND MATERIALS HANDLING
SYSTEM
DESCRIPTION: PROPOSED STUDY TO OPTIMIZE ALL ELEMENTS OF THE
DISTRIBUTION SYSTEM AND WITH EMPHASIS ON A SHIPPER TO
CONSIGNEE BASIS. SPONSORED BY AMC.

PROJECT: INTERMODAL CONTAINER CONCEPTS
DESCRIPTION: PAPER BY LIEUTENANT COLONEL W. R. HENRY, USA.,
PUBLISHED MAY 67.

PROJECT: INTERMODAL MODULAR CONTAINER DEVELOPMENT PROJECT
DESCRIPTION: DESIGN, FABRICATION AND TEST CONTAINER MODULE FOR
AIR, SEA, AND LAND TRANSPORT WHICH CAN BE ASSEMBLED INTO
LARGER UNITS FOR ALL MILITARY ENVIRONMENTS. MODULES LATCH
TOGETHER TO MAKE UP AN 8 BY 8 BY 20 MODULAR ARRAY. IT SHALL BE
COMPATIBLE WITH THE USAF 463L CARGO HANDLING SYSTEM. SPONSORED
BY JOINT MATERIEL COMMANDERS.

PROJECT: JOINT TECHNICAL COORDINATING GROUP FOR CONTAINERIZATION
DESCRIPTION: THIS GROUP IS PRESENTLY DEVELOPING AN INTERMODAL
MODULAR CONTAINER UNDER THE JOINT MILITARY MATERIEL
COMMANDERS. THIS GROUP IS INVOLVED (1972-73) IN A PROTOTYPE
HARDWARE PROCUREMENT AND EVALUATION EFFORT INVOLVING THE
MODULAR/INTERMODAL CONTAINER CONCEPT.
SEE 'INTERMODAL MODULAR CONTAINER DEVELOPMENT
PROJECT'.

PROJECT: JOINT STRATEGIC OBJECTIVES PLAN (MOBILITY FORCES)
DESCRIPTION: AN ANNUAL MID-RANGE MOBILITY FORCES ANALYSIS TO
PROVIDE JCS OBJECTIVE FORCE LEVEL RECOMMENDATIONS FOR AIRLIFT
AND SEALIFT FORCES.

PROJECT: JTCG/CONTAINERIZATION
DESCRIPTION: SEE JOINT TECHNICAL COORDINATING GROUP

PROJECT: LAND-AIR-LAND CONTAINER TASK GROUP
DESCRIPTION: (LAND-AIR-LAND CONTAINER-SUPPORTED DISTRIBUTION
SYSTEMS DEVELOPMENT TASK GROUP.) THIS GROUP HAS BEEN TASKED BY
THE DEPUTY SECRETARY OF DEFENSE TO COORDINATE THE EXPLORATION
AND DEVELOPMENT EFFORTS FOR A DOD LAND-AIR-LAND CONTAINER
SUPPORTED DISTRIBUTION SYSTEM.

PROJECT: LOGISTICS SUPPORT ASHORE FOR SUSTAINED OPERATIONS
(1980-1990)
DESCRIPTION: DETERMINE LOGISTIC REQUIREMENTS FOR SUSTAINING AN
AMPHIBIOUS FORCE ASHORE WITH CONTAINERIZED CARGO A MAJOR
CONSIDERATION. SPONSORED BY CMC.

PROJECT: LOGISTIC SUPPORT IN THE VIETNAM ERA. MONOGRAPH 7 -
CONTAINERIZATION

DESCRIPTION: A REPORT BY THE JOINT LOGISTICS REVIEW BOARD,
PUBLISHED 1970. THE OBJECTIVES OF THIS MONOGRAPH ARE TO
EXAMINE AND EVALUATE THE USE OF CONTAINERIZATION TO SUPPORT
U.S. FORCES DURING THE VIETNAM ERA; TO EXAMINE TRENDS FOR THE
FUTURE, TO DETERMINE THE EFFECTS OF CONTAINERIZATION ON THE
DISTRIBUTION SYSTEM, EQUIPMENT, FACILITIES, MANPOWER, AND
RESPONSIVENESS, AND TO MAKE APPROPRIATE RECOMMENDATIONS FOR
IMPROVING THE EFFICIENCY AND EFFECTIVENESS OF MILITARY
LOGISTICS THROUGH THE USE OF CONTAINERS TO SUPPORT BOTH
PEACETIME AND MILITARY CONTINGENCY OPERATIONS.
PREPARED BY AMERICAN POWER JET.

PROJECT: LOTS PROJECT

DESCRIPTION: PERFORM PARAMETRIC ANALYSIS AND TRADEOFF STUDIES OF
'LOGISTICS OVER THE SHORE' LIGHTERAGE SYSTEMS. (ALSO SEE 'U.S.
ARMY TRANS-HYDRO CRAFT PROJECT'.)

PROJECT: LST AS A CONTAINER HANDLING SHIP FOR NAVY RESUPPLY
FEASIBILITY STUDY

DESCRIPTION: A FEASIBILITY STUDY CONSIDERING EMPLOYMENT OF LST AS
A CONTAINER HANDLING SHIP FOR NAVY RESUPPLY OPERATIONS.
COMPLETED JAN 1972.

PROJECT: MAINTENANCE SUPPORT PACKS

DESCRIPTION: CONTAINERIZATION OF SPARE AND REPAIR PARTS, SUPPORT
EQUIPMENT, ETC., FOR A GIVEN AIRFRAME OR ENGINE. SPONSORED AND
PREPARED BY NAVAIR.

PROJECT: MATERIAL HANDLING AT NAVAL ADVANCED BASE PORTS

DESCRIPTION: THE OBJECTIVE OF THIS PROJECT IS TO DEVELOP CONCEPTS
FOR MATERIALS HANDLING SYSTEMS IN FOLLOW-ON AND RESUPPLY
OPERATIONS THROUGH NAVAL ADVANCED BASE PORTS WITH EMPHASIS ON
OFFLOADING NON-SELF-SUSTAINING CONTAINERSHIPS IN AN OFFSHORE
ENVIRONMENT. THE APPROACH IS TO DEVELOP A CRANE CONFIGURATION
WHICH MINIMIZES THE EFFECTS OF RELATIVE MOTIONS ON CONTAINER
HANDLING OPERATIONS.

INCLUDES A STUDY OF CRANE CONCEPTS, IMPROVED SPREADER
BARS, POWER TAGLINES, PENDULATION CONTROL EQUIPMENT, AND
VERTICAL MOTION CONTROL EQUIPMENT. (YF 38/536.005.01.010)

PROJECT: MATERIALS HANDLING CONCEPT FOR OFF-LOADING CONTAINER SHIPS
IN FORWARD OR REMOTE AREAS

DESCRIPTION: PREPARED BY BATTELLE, PACIFIC NORTHWEST LABORATORIES,
AND WESTERN GEAR CORPORATION. SPONSORED BY NCEL.
A MOZELLE CONCEPT FOR VECTING THE RELATIVE MOTION
BETWEEN CRANE HOOK AND CONTAINER.

PROJECT: MATHEMATICAL DEFINITION OF AN OPTIMUM FUTURE ARMY PHYSICAL
SUPPLY DISTRIBUTION SYSTEM (PRELIMINARY STUDY)

DESCRIPTION: THIS REPORT IS AN ATTEMPT TO HIGHLIGHT THE SYSTEMS
APPROACH TO THE STUDY OF THE ARMY PHYSICAL SUPPLY DISTRIBUTION
SYSTEM. COMPLETED DEC. 1969.

PROJECT: MECHANIZED/AUTOMATED STOCK HANDLING IN THE 1990 FIELD AND
THEATER ARMIES

DESCRIPTION: IN-HOUSE STUDY BY DONALD G. LIENBEE AND CECIL C.
UMBERGER, PUBLISHED APRIL 70.

THIS REPORT IS CONCERNED WITH THE DELIBERATIONS OF AN
AD HOC WORKING GROUP (AHWG) CONVENED BY THE U.S. ARMY ADVANCED
MATERIEL CONCEPTS AGENCY (AMCA) TO DEVELOP ADVANCED MATERIEL
CONCEPTS FOR THE MECHANIZED/AUTOMATED HANDLING OF ALL CLASSES
OF SUPPLIES BY ARMY TERMINALS AND STOCKAGE POINTS IN THEATER
OF OPERATIONS FOR THE 1990 TIME FRAME.

PROJECT: MERCHANT SHIP REQUIREMENTS AND MARITIME STUDY

DESCRIPTION: CONSIDERATIONS INCLUDE USE OF MERCHANT SHIPS FOR
UNREP DURING A CONTINGENCY. RAPID DEPLOYMENT UTILIZING
MERCHANT SHIPS. USING MERCHANT SHIPS DURING AMPHIBIOUS
ASSAULT, ETC. SPONSORED BY MARAD AND CNO.

PROJECT: MILVAN PILOT OPERATIONS.. BASIC ELEMENTS OF INFORMATION

DESCRIPTION: THE PURPOSE OF THE BRIEFING WAS TO OBTAIN APPROVAL OF
THE BASIC ELEMENTS OF INFORMATION GOVERNING DATA COLLECTION,
DATA REDUCTION, DATA ANALYSIS, AND REPORTING FOR MILVAN PILOT
OPERATIONS.

PUBLISHED IN 1968.

PROJECT: MILVAN PILOT OPERATION EVALUATION (INTRODUCTION PHASE)

DESCRIPTION: IN THIS REPORT, RESULTS OF ANALYSES OF THE PILOT
MILVAN OPERATION ARE PRESENTED IN TERMS OF PERFORMANCE, TIME,
COST AND ENGINEERING ADEQUACY OF MILVANS AND MILVAN SUPPORTING
EQUIPMENT AND FACILITIES.

PROJECT: MILVAN PROJECT

DESCRIPTION: PURCHASE OF 6300, 20-FOOT CONTAINERS. TEST SHIPMENTS
TO EUROPE AND RVN UTILIZING LEASED CONTAINERS IN PROCESS.
SPONSORED BY AMC.

PROJECT: MILVANS FOR INTERIM SEA CONTROL SHIP

DESCRIPTION: REFURBISHMENT, MODIFICATION AND OUTFITTING OF MILVANS
FOR SPECIFIC AIRCRAFT MAINTENANCE FOR THE PROTOTYPE EVALUATION
OF THE ISCS.

PROJECT: MOBILE/PORTABLE PORTS 1990

DESCRIPTION: (REPORT PUBLISHED MAR 1971)

PROJECT: MOBILITY SUPPORT FORCES PROGRAM

DESCRIPTION: THE EFFECT OF CONTAINERIZATION ON THE AIR FLEET WAS
MEASURED IN TERMS OF VOLUME LOSS, TARE WEIGHT, HANDLING COSTS,
ETC. VARIOUS TYPES OF CONTAINERS AND THE 463L PALLET WERE
EVALUATED. ONLY THE INTERMODAL/MODULAR CONTAINERS APPEAR
COMPETITIVE TO THE 463L. FIVE STUDIES WERE PERFORMED UNDER
THIS TASK. SPONSORED BY USAF.

PROJECT: MODULAR ARMY CONTAINER SYSTEMS

DESCRIPTION: EXAMINES TECHNICAL PROBLEMS OF CONTAINERIZING ALL
CLASSES OF SUPPLIES. EXAMINES THE TRICON (CONNECTED), TRIPAC
(UNCONNECTED), 8-8-20 (SHOPS, HOUSING), SIXCON (HIGH DENSITY),
AND RELATED CONFIGURATIONS. ON-GOING 1972.

PROJECT: MODULAR/INTERMODAL CONTAINER PARAMETRIC STUDY
DESCRIPTION: ANALYZE, EVALUATE AND PRESENT COMPARATIVE COST,
WEIGHT AND USABLE CUBE DATA FOR VARIOUS MODULAR CONTAINER
DESIGNS AND VARIOUS MATERIALS OF CONSTRUCTION. SPONSORED BY
USAF.
SEE 'INTERMODAL MODULAR CONTAINER DEVELOPMENT
PROJECT'.

PROJECT: MOORING SYSTEMS FOR AN EXPEDITIONARY LOGISTIC FACILITY
DESCRIPTION: PREPARED BY R. C. TOWNE, ET. AL., FEB 1971. TECH
REPORT R-712.
A PRELIMINARY PROBE IN THE MOORING REQUIREMENTS FOR
EXPEDITIONARY LOGISTICS FACILITIES IN SUPPORT OF AMPHIBIOUS
RESUPPLY.

PROJECT: MOORING SYSTEM CONCEPTS FOR EXPEDITIONARY LOGISTICS
FACILITY OPERATIONS
DESCRIPTION: PREPARED BY R. C. TOWNE, AND W. G. HATCH. NOV 1971.
EVALUATED SEVERAL PROPOSED MOORING SYSTEMS FOR
FLOATING AND FIXED PIERS.

PROJECT: MOTION MITIGATING DEVICE
DESCRIPTION: A CRANE FOR USE IN OFFLOADING CONTAINERIZED CARGO
FROM A LARGE SHIP TO A SMALL CRAFT OR LANDING VEHICLE.

PROJECT: MOTION OF FREELY SUSPENDED LOADS DUE TO HORIZONTAL SHIP
MOTION IN RANDOM HEAD SEAS
DESCRIPTION: PREPARED BY H. S. ZWIBEL, OCT 1971, TECH NOTE N-1187.
CALCULATES PENDULATION MOTIONS FOR FLOATING CRANES.

PROJECT: MULTI-PURPOSE SHIP
DESCRIPTION: SHIPS CAPABLE OF HANDLING ALL TYPES OF MILITARY CARGO
(INCLUDING CONTAINERS) FOR UNREP, INTERFACING WITH
HELICOPTERS, AND OFF-LOADING AT UNIMPROVED PORTS.

PROJECT: NAVAL SHIP UNDERWAY REPLENISHMENT CONTAINERIZATION
DESCRIPTION: POSSIBLE CONTAINER APPLICATIONS TO UNDERWAY
REPLENISHMENT WILL BE ASSESSED AND THE IMPACT OF
CONTAINERIZATION ON THE MATERIAL HANDLING CONFIGURATIONS OF
NAVY SHIPS WILL BE DETERMINED.
1971.

PROJECT: NEW DIMENSIONS IN SEALIFT: THE LOGISTICIANS CHALLENGE IN
THE 1970S
DESCRIPTION: REPORT BY COLONEL KEITH S. KELLY, USA., PUBLISHED FEB
71.

PROJECT: OFFSHORE DISCHARGE OF CONTAINERSHIP
DESCRIPTION: REPORT BY GEORGE R. COTTINGHAM, PUBLISHED JUNE 71.
THIS EVALUATION WAS MADE TO DETERMINE THE ABILITY OF THE U.S.
ARMY TO OFF-LOAD CONTAINERSHIPS WHERE PORT FACILITIES ARE NOT
AVAILABLE.
SEE OSDOC-I AND OSDOC-II.

PROJECT: OSDOC-I
DESCRIPTION: ARMY/NAVY TEST OF OFFSHORE DISCHARGE OF
CONTAINERSHIP, 5-9 DEC 1970, FT STORY, VA. UTILIZING
HELICOPTERS.

PROJECT: OSDOC-II
DESCRIPTION: TEST OF DELIVERING CONTAINERS ASHORE FROM SHIPS LYING
OFF A BEACH.
(1972)

PROJECT: OWNERSHIP AND USE OF CONTAINERS FOR SURFACE TRANSPORTATION
(DOD INSTRUCTION)
DESCRIPTION: CONSOLIDATE DOD INSTRUCTION POLICIES AND PROCEDURES
GOVERNING THE USE OF CONTAINERS (OWNED AND LEASED).

PROJECT: PACKING AND PALLETIZATION FOR CONTAINERIZATION APPLICATIONS
DESCRIPTION: IN-HOUSE STUDY, PUBLISHED AUG 71. A STUDY WAS
CONDUCTED TO DETERMINE DEGREES OF ITEM PROTECTION OR RELATED
PROCEDURES WHICH COULD BE REDUCED OR ALTERED WHEN MATERIEL IS
TRANSPORTED IN CONTAINERIZED SHIPMENTS.

PROJECT: PACKAGING PROGRESS TOWARD A 21ST CENTURY LOGISTICS SYSTEM
IN THE 70S
DESCRIPTION: REPORT, PUBLISHED 1969. THIS REPORT CONTAINS
INFORMATION ON THE MISSION OF THE AIR FORCE PACKAGING
EVALUATION AGENCY, THE ORGANIZATIONAL STRUCTURE, CAPABILITIES,
OPERATIONAL STATUS, AND THE PRINCIPAL GOALS FOR THE FUTURE IN
THE PACKAGING FIELD.

PROJECT: PACKAGING PROJECT
DESCRIPTION: STUDY OF PACKAGING COST-EFFECTIVENESS IN TERMS OF
BOTH PACKAGING OF THE CARGO ELEMENTS AND CONTAINERS AS
PACKAGING FOR THE CARGO. PREPARED BY GAO.

PROJECT: PLAN FOR TEST AND EVALUATION OF SHIP/HELICOPTER EXTENDED
DELIVERY SYSTEM
DESCRIPTION: SEE SHIP/HELICOPTER EXTENDED DELIVERY SYSTEM.

PROJECT: PORTABLE PORTS STUDY
DESCRIPTION: A PORTABLE PORT AND A CONTAINER GANTRY SHIP WERE
DESIGNED TO OFF-LOAD NON-SELF-SUSTAINING CONTAINERSHIPS IN
UNIMPROVED PORT AREAS. SPONSORED BY NAVFAC.

PROJECT: POST-1971 MATERIALS HANDLING STUDY
DESCRIPTION: ANALYZES ALTERNATIVE FUTURE MATERIAL HANDLING
SYSTEMS, INCLUDING PALLETS, CONTAINERS, AND INTERMODAL
COMPATIBILITY. PREPARED BY D. P. DANIELSEN AND OTHERS.
PUBLISHED MAY 1967.

PROJECT: PROJECT ELF
DESCRIPTION: (EXPEDITIONARY LOGISTICS FACILITIES)
OBJECTIVE IS TO DEVELOP CAPABILITY OF UNLOADING
CONTAINERSHIPS AND DELIVERING THE CARGO TO THE USER IN FORWARD
UNDEVELOPED AREAS OR WHERE CONVENTIONAL FACILITIES HAVE BEEN
DESTROYED.

PROJECT: PROPOSAL FOR ADVANCED DEVELOPMENT PROJECT ELF
DESCRIPTION: SUBMITTED TO CNO BY NAVFAC, SEPT 15, 1971.
DEVELOPS CONCEPT OF MULTIPLE MISSION ASSETS AND
UTILIZATION OF COMMERCIAL SHIPS AND OTHER PLATFORMS AS
FLOATING PIERS FOR ADVANCED BASE CONTAINERSHIP OFFLOADING.

PROJECT: PROPOSED TECHNICAL APPROACHES FOR PORTABLE PORTS
 DESCRIPTION: PREPARED BY CHALLENGER RESEARCH, INC. FOR NAVFAC, FEB 1969.
 PROPOSED DEVELOPMENT OF A SYSTEM TO UNLOAD ANY SHIP - INCLUDING CONTAINERSHIPS - ANY CARGO, ANYWHERE BY D+5 TO D+20. DEVELOPED CONCEPT OF AN ADAPTER SHIP, I.E. A PIER SHIP AND PORT MATERIALS TRANSPORTER.

PROJECT: QUICK CAMP PROJECT
 DESCRIPTION: DETERMINE WHICH FUNCTIONS AND SUPPLIES CAN BE CONTAINERIZED AND DESIGN CONTAINER WITHIN COMMERCIAL STANDARD SIZES. SIMILAR TO USAF BARE BASE CONCEPT.

PROJECT: RESUPPLY IN PEACE AND WAR BY C-5 AIRLIFT AND BY CONTAINERSHIP
 DESCRIPTION: THE PURPOSE OF THIS STUDY WAS TO PROVIDE BROAD GUIDELINES REGARDING INSTALLATIONS/FACILITIES AND POLICIES/PROCEDURES TO TAKE MAXIMUM ADVANTAGE OF INTERCONTINENTAL TRANSPORT CAPABILITIES OF THE MID-1970S IN SUPPLY AND RESUPPLY OF U.S. FORCES IN PEACE AND WAR. PUBLISHED JULY 1969.

PROJECT: ROLE OF MERCHANT SHIPS IN WARTIME DEFENSE MISSION
 DESCRIPTION: JOINT NAVY AND MARAD STUDY ON THE ROLE OF MERCHANT SHIPS IN WARTIME DEFENSE MISSIONS. EXPLORES USE OF CONTAINERSHIPS IN CONTINGENCY OPERATIONS TO SOME DETAIL. APPROVAL PENDING, MAY 1972.

PROJECT: SEA BASED EXPEDITIONARY FORCES (1980)
 DESCRIPTION: FEASIBILITY OF SEA BASING LOGISTICS SUPPORT OF FORCES ASHORE UTILIZING CONTAINERS AND HEAVY LIFT HELICOPTERS. SPONSORED BY CNO. PREPARED BY DECISION SCIENCES, INC.

PROJECT: SEABORNE MOBILE LOGISTICS SYSTEM
 DESCRIPTION: WHILE NOT DIRECTLY A CARGO CONTAINER EFFORT, CONTAINERS WILL BE NEEDED AS THE SMLS CONCEPT DEVELOPS TO INCLUDE MACHINE SHOPS, SPARE PARTS, AMMO, AND RATIONS. INCLUDES THE INVOLVEMENT OF CONTAINERS IN THE RESUPPLY OF THE AMPHIBIOUS TASK FORCE, USE OF CONTAINERS ON BOARD THE AMPHIBIOUS SHIPS BOTH FOR BULK STORAGE AND WAREHOUSING OF MATERIAL, AND FOR PACKAGING LOADS TO BE DELIVERED TO MARINE CORPS UNITS ASHORE. OF PARTICULAR INTEREST FOR THE SMLS APPLICATION IS THE 'INTERMODAL MODULAR CONTAINER CONCEPT' WHICH WILL PROVIDE COMPATIBILITY BETWEEN CONVENTIONAL CONTAINER SYSTEMS AND THE NEEDS OF THE AMPHIBIOUS FORCE. A NAVY AND MARINE CORPS DIRECTED AND FUNDED STUDY. ON-GOING 1972.

PROJECT: SEALIFT PROCUREMENT AND NATIONAL STRATEGY STUDY
 DESCRIPTION: AN INTERAGENCY STUDY UNDER OASD/SA SPONSORSHIP. EXPLORES USE OF CONTAINER SYSTEMS AND CONTAINERSHIPS IN MILITARY CONTINGENCY SITUATIONS. ON-GOING 1973.

PROJECT: SHIP/HELICOPTER EXTENDED DELIVERY SYSTEM (OPERATION SHEDS)
 DESCRIPTION: CONDUCT AND EVALUATE THE RESULTS OF AN OPERATIONAL TEST OF AN INTEGRATED SHIP-HELICOPTER CARGO DELIVERY SYSTEM IN AN UNDERDEVELOPED AREA. PREPARED FOR MSC, AND NAVSUP. PUBLISHED OCTOBER 1967. PREPARED BY PLANNING RESEARCH CORP.

PROJECT: SHIP-INDEXING TO CONTAINER OFFLOADING AT A NAVAL ADVANCED
BASE
DESCRIPTION: PREPARED BY CONTROL SYSTEMS RESEARCH, INC. SPONSORED
BY NCEL. A RADICALLY NEW FLOATING CONTAINER GANTRY CRANE.

PROJECT: SHIPMENT IDENTIFICATION AND CONTAINERIZATION
DESCRIPTION: PAPER BY COLONEL R. E. WHEELIS, USA., PUBLISHED MAY
67.

PROJECT: SPIN MOLDED CONTAINERS
DESCRIPTION: A FABRICATION CONCEPT BEING IMPLEMENTED BY THE BOFING
CORPORATION. ON-GOING 1972.

PROJECT: STORAGE STABILITY OF CIVIL DEFENSE SHELTER RATIONS
DESCRIPTION: REPORT PUBLISHED JUNE 1969. PREPARED IN CONJUNCTION
WITH THE UNIVERSITY OF GEORGIA.

PROJECT: STUDY OF UNITIZATION SYSTEMS, POLICIES, AND TECHNIQUES
(SUNSPOT)
DESCRIPTION: AN IN HOUSE STUDY PUBLISHED IN NOV 1969.
PROJECT SUNSPOT ANALYZES THE EXTENT TO WHICH
UNITIZATION OF SUPPLIES IS FEASIBLE FROM SOURCE TO USER AND
PROVIDES A METHODOLOGY FOR OPTIMIZATION. (SUPPLEMENTARY
STUDIES PERFORMED BY AMERICAN POWER JET COMPANY.)

PROJECT: SURFACE CONTAINER-SUPPORTED DISTRIBUTION SYSTEMS
DEVELOPMENT PROJECT
DESCRIPTION: OBJECTIVE OF PROJECT IS TO DEVELOP A COORDINATED
CONTAINER-SUPPORTED DISTRIBUTION SYSTEM WITHIN THE DOD,
INCLUDING STANDARD EQUIPMENT, POLICIES AND PROCEDURES THAT CAN
BE USED BY THE MILITARY SERVICES AND DSA TO EXPLOIT THE FULL
POTENTIAL OF SURFACE CONTAINER-SUPPORTED DISTRIBUTION SYSTEMS.

PROJECT: SURFACE CONTAINER SYSTEMS MANAGEMENT - LOGISTICS SYSTEMS
PLANNING COMMITTEE
DESCRIPTION: PROPOSAL TO NAME THE ARMY THE PROJECT MANAGER FOR
SURFACE CONTAINER SYSTEMS DEVELOPMENT.

PROJECT: SYSTEMS ANALYSIS OF THE SEABORNE MOBILE LOGISTICS SYSTEMS
CONCEPT, 1975-85
DESCRIPTION: PROVIDES DESIGN PARAMETERS FOR A LOGISTIC SYSTEM TO
SUPPORT MARINE AMPHIBIOUS BRIGADE CRISIS CONTROL OPERATIONS
INCLUDING SUPPLY REQUIREMENTS USING CONTAINERIZED LOADS.
SPONSORED BY CMC.

PROJECT: SYSTEMS OF MOBILE PIERS AND CAUSEWAYS FOR EXPEDITIONARY
LOGISTICS FACILITIES
DESCRIPTION: PREPARED BY F. R. HARRIS, INC., AND PLANNING RESEARCH
CORP. SPONSORED BY NAVFAC.
IDENTIFIED AND RATED 9 PLATFORMS/Crane SUB-SYSTEMS
FOR OFF-LOADING CONTAINERSHIPS WHERE CONVENTIONAL PORT
FACILITIES ARE ABSENT.

PROJECT: TECHNOLOGICAL FORECAST OF PACKAGING REQUIREMENTS
DESCRIPTION: DETERMINE IMPACT OF CONTAINERS ON FUTURE PACKAGING
TECHNOLOGIES AND FUTURE NAVY OPERATIONS. SPONSORED AND
PREPARED BY NAVSUP.

PROJECT: TEST OF CONTAINERIZED SHIPMENTS FOR AMMUNITION (TOCSA)
 DESCRIPTION: EVALUATED THE COST AND OPERATIONAL EFFECTIVENESS OF CONTAINERIZED AMMUNITION SHIPMENTS WITH INITIAL TEST SHIPMENT TO RVN. SPONSORED BY AMCDT-BC.

PROJECT: THE RELATIVE MOTION BETWEEN SHIPS IN RANDOM HEAD SEAS
 DESCRIPTION: PREPARED BY D. A. DAVIS, AND H. S. ZWIBEL. SEPT 1971, TECH NOTE N-1183. CALCULATES RELATIVE MOTION BETWEEN TWO PLATFORMS OR SHIPS AT ANCHOR.

PROJECT: THE ROLE AND MANAGEMENT OF CONTAINERIZATION IN LOGISTICS
 SUPPORT OF THE ARMY
 DESCRIPTION: THESIS BY LIEUTENANT COLONEL CHARLES H. WHITLEDGE, USA., PUBLISHED MARCH 68.

PROJECT: THE IMPACT OF THE CONTAINER EXPLOSION UPON THE TRANSPORTATION INDUSTRY
 DESCRIPTION: THESIS BY CAPTAIN WESLEY JAMES MC CLAREN, USN., PUBLISHED MARCH 69.

PROJECT: THROUGH INTERMODAL CONTAINER SERVICE
 DESCRIPTION: MTMTS IN CONJUNCTION WITH MSC HAS A RESPONSIBILITY TO ESTABLISH RATES FOR A THROUGH INTERMODAL CONTAINER SERVICE UNDER ONE BILL OF LADING FROM/TO AND/OR BETWEEN CONUS ORIGIN POINTS AND OVERSEA AREAS.

PROJECT: TOCSA
 DESCRIPTION: SEE TEST OF CONTAINERIZED SHIPMENTS FOR AMMUNITION.

PROJECT: TRANSPORTABLE BREAKWATERS - A SURVEY OF CONCEPTS
 DESCRIPTION: PREPARED BY D. B. JONES, MAY 1971, TECH REPORT R-727. IDENTIFIED MANY BREAKWATER CONCEPTS AND ESTIMATED THEIR CAPABILITIES.

PROJECT: TRANS-HYDRO
 DESCRIPTION: SEE U.S. ARMY TRANS-HYDRO CRAFT

PROJECT: UNDERWAY REPLENISHMENT PACKAGING STUDY
 DESCRIPTION: DETERMINE IDEAL LOADS AND INTERFACE PROBLEMS IN HOLD-TO-HOLD OPERATIONS WITH CONTAINER USE AND HANDLING ON PRESENT AND FUTURE NAVY SHIPS A MAJOR CONSIDERATION. SPONSORED BY UNREP PROJECT OFFICE. PREPARED BY NAVSUP.

PROJECT: UNITIZATION AND DEUNITIZATION IN PHYSICAL DISTRIBUTION SYSTEMS
 DESCRIPTION: A QUALITATIVE AND QUANTITATIVE ANALYSIS OF CONTAINERIZED CARGO. PREPARED BY THE UNIVERSITY OF FLORIDA. (R. M. SEAM AND B.D. SIVAZLIAN). PREPARED FOR US ARMY RESEARCH OFFICE. PUBLISHED MARCH 1970.

PROJECT: UTILIZATION OF FLAT RACKS IN FORCE DEPLOYMENTS (UFR)
 DESCRIPTION: IN-HOUSE STUDY BY H. K. HOLMAN AND OTHERS, PUBLISHED NOV 71. THIS STUDY CONTAINS A CAPABILITY ANALYSIS OF MOVING THE EQUIPMENT AND 15 DAYS ACCOMPANYING SUPPLIES OF A FIVE-DIVISION FORCE EQUIVALENT (DFE) TASK FORCE (TWO INFANTRY, ONE AIRMOBILE, ONE ARMORED, AND ONE MECHANIZED) FROM THE CONTINENTAL UNITED STATES (CONUS) TO EUROPE WITHIN 90 DAYS.

PROJECT: U.S. ARMY CARGO CONTAINERIZATION REQUIREMENTS
DESCRIPTION: THE PURPOSE OF THESE REPORTS IS TO ANALYZE AND
EVALUATE CONTAINERIZATION FOR ARMY DISTRIBUTION AND
TRANSPORTATION.
REPORTS PUBLISHED IN 1968-1969.

PROJECT: U.S. ARMY TRANS-HYDRO CRAFT PROJECT
DESCRIPTION: (ACN 14310)
A STUDY TO DETERMINE PREFERRED TYPES OF FEASIBLE
TRANS-HYDRO CRAFT TO MEET U.S. ARMY COMBAT SERVICE SUPPORT
ROLES AND MISSIONS 1975-1985.
A TRANS-HYDRO CRAFT MAY FLOAT ON THE WATER, BE
SUPPORTED ABOVE THE SURFACE BY AN AIR CUSHION, FOIL, OR OTHER
MEANS. IT MAY POSSESS LAND MOBILITY.
THE MISSION INVOLVES LOGISTICS OVER-THE-SHORE
('LOTS'), COASTAL, HARBOR SERVICE, AND INLAND WATERWAYS.
THE PROJECT SPECIFICALLY ADDRESSES THE BEST WAY TO
DISCHARGE NON-SELF SUSTAINING CONTAINER SHIPS IN THE LOTS
ENVIRONMENT.

PROJECT: U.S. ARMY TRANS-HYDRO CRAFT 1975-1985 STUDY
DESCRIPTION: AN ANALYSIS OF THE OPTIMUM DESIGN AND FLEET
CONFIGURATION FOR FUTURE ARMY LIGHTERS AND COASTAL, HARBOR AND
INLAND WATERWAY CRAFT.

PROJECT: 463L CONTAINER TEST PROGRAM
DESCRIPTION: MODEL FIBER GLASS CONTAINER SHELLS FOR THE 463L
PALLET ARE TO BE TESTED IN THE MAC DELIVERY SYSTEM. SPONSERED
BY USAF.

S E C T I O N I I I

FILE HEADING: ADDITIONAL POINTS OF CONTACT (NOT CATEGORIZED)

NAME: ALT, GEORGE MR.
PROJECT MGR
SYSTEMS ASSOCIATES, INC.
1411 JEFFERSON DAVIS HWY, BLDG 1
ARLINGTON, VA. 22202

NAME: ANNIBALE, JOE
NAVSEC 6162
436-1162

NAME: ARMSTRONG, A. S. MR.
CHIEF, OFFICE OF PORTS & INTERMODAL SYSTEMS
U.S. MARITIME ADMINISTRATION
COMMERCE BUILDING
WASHINGTON, D.C. 20004

NAME: ASKREN, R. R.
MILITARY SEALIFT COMMAND
896-9419

NAME: BABCOCK, D. CDR.
CINCLANTFLT HDQTRS
N-4

NAME: BAKER, W., DIR. R&D
NORTH AMERICAN VAN LINES
P. O. BOX 988
FORT WAYNE, IND.
(219)422-2511

NAME: BISTANY, P. J. MAJ., USA
AMC
ROOM 2010 T-7
OX 7-6430
AUTOVON 227-6430

NAME: BLANDING, WARREN
MARKETING PUBLICATIONS, INC.
221 NATIONAL PRESS BLDG.
WASHINGTON, D.C. 20004

NAME: BREINING, CARL R., JR. MR.
SEA-LAND SERVICE INC.
P. O. BOX 1050
ELIZABETH, N.J. 07207

NAME: BROWN, MEL MR.
NAVAL SHIP R&D CENTER
CANDEVOSH, MARYLAND

NAME: BOMBERGER, JAMES SMSGT
HQ MAC/DOZSC
SCOTT AFB, ILL

NAME: BURROWES, THOMAS, JR. MR.
MTMTS-IT
WASHINGTON, D.C. 20315

NAME: CAMPBELL, E. K. MR.
PROJECT MGR., AD. PROJECT
LITTON SHIP SYSTEMS
P. O. BOX 92911
L.A., CALIF 90009

NAME: CHILDERS, ART
NAVSHIPS 0122
692-3779

NAME: CONNOR, MR.
TRANSPORTATION DIV.
GOVERNMENT ACCOUNTING OFFICE
WASHINGTON, D.C.

NAME: CREDLE, JOSEPH
NAVSHIPS 0122
692-9166

NAME: DAVIS, RICHARD H. MR.
USACDC SUPPLY AGENCY
FORT LEE, VIRGINIA 23801
AUTOVON 687-4081

NAME: DEMPSEY, T. R. MR.
CARGO DIVISION
DIRECTOR OF TRANSPORTATION, DCS/S&L
HQ USAF/STPM
WASHINGTON, D.C. 20332

NAME: DONOHUE, J. R. MR.
FREIGHT TRAFFIC MANAGER
PRUDENTIAL GRACE LINES, INC.
ONE WHITEHALL STREET
NEW YORK, N. Y. 10004

NAME: DUNCAN, JOHN MR. (M-324)
MILITARY SEALIFT COMMAND
WASHINGTON, D.C. 20390

NAME: DWYER, WENDALL DR.
SPECIAL ASSISTANT FOR OPERATIONS ANALYSIS
HQ MAC/OA
SCOTT AFB IL 62225

NAME: EDWARDS, JAMES R.
NAVSUP
OX.5-2807

NAME: EGAN, LARRY P. LT.
USACDC SUPPLY AGENCY
FORT LEE, VIRGINIA 23801
AUTOVON 687-1046/1047

NAME: EISENBEISS, ROBERT F.
R.G. LE TOURNEAU, INC.
4801 CONNECTICUT AVE., N.W., APT. 509
WASHINGTON, D. C. 20008

NAME: EVENSON, MAX MR.
RESEARCH AND DEVELOPMENT
ARMY MATERIAL COMMAND HQ

NAME: FORMOSO, E. L. MR.
PACIFIC FAR EAST LINE, INC.
SUITE 302, WORLD CENTER BUILDING
918 SIXTEENTH STREET N.W.
WASHINGTON, D. C. 20006

NAME: GARDNER, MR.
MSC OPNS
MILITARY SEALIFT COMMAND

NAME: GEHRKENS, G. PRES.
TRANSTAINER SYSTEMS CORP.
7030 HUNTLEY ROAD
WORTHINGTON, OHIO 43229
(614)548-5241

NAME: GOOBECK, ANDREW R. (MR.)
OFFICE OF ADVANCED SHIP OPERATIONS
MARITIME ADMIN.
U.S. DEPT. OF COMMERCE
WASHINGTON, D.C. 20235

NAME: GOTTSCHALK, ERIC (MR.)
101 N. CROFT AVENUE
SUITE #307
LOS ANGELES, CALIF.

NAME: GRUENLER, ERIC (MAJ)
HQ MAC OPERATIONAL REQUIREMENTS
SCOTT AFB, IL 62225

NAME: HANNA, SAM (CMSGT)
HQ MAC AIRCREW STANDARDIZATION
SCOTT AFB, IL 62225

NAME: HARRIS, LEO (MR.)
OOAMA/DSP
HILL AFB, UTAH

NAME: HICKS, KILBURN (MR.)
CH. PLANS & PROGRAMMIST
NAVAL WPNS ST. A CONCORD
CONCORD, CALIFORNIA

NAME: HOWELL, P. L. (LCDR)
MCDEC
QUANTICO, VIRGINIA

NAME: HUFFMAN, J. (LT.CMDR)
 OCEAN TERMINALS DIV
 DIRECTORATE OF INTERNATIONAL TRAFFIC
 MTMTS
 FALLS CHURCH, VA. 20315
 756-1680

NAME: HURLEY, STEVE (MR.)
 CODE 032 B
 NAVAL FACILITIES ENGINEERING COMMAND
 WASHINGTON, D.C. 20390

NAME: IMMER, JOHN R.
 DIRECTOR
 WORK SAVING INTERNATIONAL MGMT CONSULTANTS
 1638 19TH NW
 WASHINGTON, D.C.
 202-265-1742

NAME: JOHNSON, BILL (MR.)
 BELL AEROSPACE
 1000 CONN. AVE. NW
 WASHINGTON, D.C.
 202-296-5240

NAME: JONES, C. D. (MR.)
 USAMERDC
 MIL TECH LAB
 FT. BELVOIR, VA. 22060

NAME: JONES, PAUL (MR.)
 DIRECTOR TRANSPORTATION & DISTRIBUTIONS SYSTEMS
 STANFORD RESEARCH INST.
 MENLO PARK, CALIFORNIA 94025

NAME: KELLER, CHARLES L. (LCDR)
 CH, CARGO & PACKAGING ENGINEERING BR.
 CARGO & HAZARDOUS MATERIALS DIV.
 HQ. U.S. COAST GUARD

NAME: KIRBY, J. G.
 NCEL
 PORT HUENEME, CA.

NAME: KOLLER, GENE (MR.)
 NAVFAC 0416
 WASHINGTON, D.C. 20390

NAME: KRAWZUN, JOHN (MR.)
 NAVAIR-3034
 SHIP COMPATIBILITY BRANCH
 NAVAL AIR SYSTEMS COMMAND
 WASHINGTON, D.C. 20360

NAME: LEDBETTER, R. L. (CDR)
 WASHINGTON NAVY YARD
 DEPARTMENT OF THE NAVY

NAME: LOTT, L. J. (CAPT)
TRANSPORTATION DIV
HQ MARINE CORPS
WASHINGTON, D.C. 20380

NAME: MANIAR, N. (MR.)
M. ROSENBLAT & SONS, INC.
350 BROADWAY
NEW YORK, NEW YORK 10013

NAME: MANSFIELD, TOM (MR.)
NSRDC
ANNAPOLIS, MD. 21402

NAME: MATT, MICHAEL (LT.)
ASD/SMB
WRIGHT-PATTERSON AFB, OHIO 45433

NAME: MAYER, J. (MR.)
VICE PRES., GOVERNMENT RELATIONS
SEALAND SERVICE, INC.
SUITE 607
1140 CONNECTICUT AVENUE, N.W.
WASHINGTON, D.C. 20036

NAME: MC PHERSON, A. H. (CMDR., USN)
N. MAT 03426
CRYSTAL PLAZA #6
WASHINGTON, D.C.
692-2144, 692-1206

NAME: MEAD, TED (CDR)
NAVAIR-534
WASHINGTON, D.C. 20360

NAME: MOORE, T. M. (CAPT)
TRANSPORTATION DIV
HQ MARINE CORPS
WASHINGTON, D.C. 20380

NAME: MORISSEAU, KENNETH (MR)
PMS 390 (M/C STREAM PROG. MGR.)
NAVSHIPSYSOM

NAME: MULLER, FRED, JR.
CONSULTANT
120 RIDGEDALE AVENUE
FLORHAM PARK, N.J.

NAME: NORTE (MAJOR)
TRANSPORTATION DIV.
INSTALLATION & SERVICES
DEFENSE SUPPLY AGENCY
ALEXANDRIA, VA. 22314

NAME: QUAST, T. (MR.)
HQ MARINE CORPS
ARLINGTON, VA. 22209

NAME: REKATE, H.
NSRDC
267-3543

NAME: RYAN (MR.)
OFFICE OF PORTS & INTERMODAL SYSTEMS
DIV. OF INTERMODAL TRANSPORT
DEPARTMENT OF COMMERCE
US MARITIME ADMINISTRATION

NAME: SAVIDGE, W. L.
CONTAINER DIVISION, SEATRAN LINES
1000 CONNECTICUT AVENUE, N.W.
WASHINGTON, D.C. 20036

NAME: SAVITSKY, D. (DR.)
DAVIDSON LAB.
STEVENS INSTITUTE OF TECH.
HOBOKEN, N. J.

NAME: SCALES, JOSEPH W. (MR.)
MGR. TECHNICAL SVC
GOVT SERVICES DIV.
FRUEHAUF CORPORATION
DETROIT, MI. 48232
COMM. 313-921-2410

NAME: SCOTT, JAMES (MR.)
TRANSPORTATION SPECIALIST
FREIGHT BRANCH
HQ MARINE CORPS COS
WASHINGTON, D.C. 20380

NAME: SEABOLD, RICHARD (MR.)
STRUCTURES DIVISION
NCEL
PORT HUENEME, CALIF 93043

NAME: SHARKEY, W. J. (MR.)
OSD (I&L)
OX.7-9328

NAME: STORA, F. X. (MR.)
USAMERDC
MIL TECH LAB
FT. BELVOIR, VA. 22060

NAME: TOWNE, RICHARD C. (MR.)
AMPHIBIOUS & HARBOR DIV.
NAVAL CIVIL ENG. LAB.
PORT HUENEME, CALIF. 93043

NAME: TUDOR, WALTER J.
CODE 0416B
NAVAL FACILITIES ENGINEERING COMMAND
WASHINGTON, D. C. 20390

NAME: WALTON, S. LYNN, JR.
MARITIME TRANSPORTATION RES. BOARD
NATIONAL ACADEMY OF SCIENCES
NATIONAL RESEARCH COUNCIL
2101 CONST. AVE., WASHINGTON, DC. 20418

NAME: WEIGELE, R. J. (MR.)
VICE PRES., MARINE DIVISION
UNITED STATES LINES, INC.
ONE BROADWAY
NEW YORK, NEW YORK 10004

NAME: WHITAKER, B. (MSGT)
HQ TAC/DOVL
LANGLEY, AFB, VA.

NAME: WOLFE, MICHAEL J. (MR.)
AMPHIBIOUS & HARBOR DIVISION
NCEL
PORT HUENEME, CALIF. 93043

NAME: ZWIBEL, HARRY S. (DR.)
AMPHIBIOUS & HARBOR DIVISION
NCEL
PORT HUENEME, CALIF 93043

S E C T I O N I V

PROJECT INDEX

PROJECT NAMES AND PAGES

CONCEPT FOR AN AUTOMATED CONTAINERIZED STRATEGIC STORAGE SITE	41	11
CRITICAL ANALYSIS OF THE STATE-OF-THE-ART IN CONTAINERIZATION	35	41 10
DESCRIPTION OF MTMTS CONTAINER WEIGHTS	37	41 38
MODULAR CONTAINER SCHEDULING AND LOAD PLANNING SYSTEM FOR USE WITH THE C-5	41	5
NEW LOGISTICS SYSTEM FOR AMPHIBIOUS SUPPORT OPERATIONS	24	
REPORT ON BASIC PRINCIPLES OF PACKAGING MGMT, DESIGN, AND CONTROL	5	36 41
ADMIRAL CALLAGHAN COST AND PERFORMANCE EVALUATION	41	8
ADVANCED BASE FACILITY CONTAINER PROGRAM	22	
AIR CUSHION BARGE, ELECTRIC DRIVE	11	
AIR CUSHION HEAVY LIFT PONTOON	22	41
AIR TRANSPORTABILITY APPROVAL FOR CONTAINERS	3	
AIR TRANSPORTABILITY TESTS OF MILVANS AND DOW CONTAINERS	3	
AIR TRANSPORTABLE CONTAINERS.. DESIGN CRITERIA, TECHNICAL CHARACTERISTICS, A	11	34 41
AIRLIFT CONTAINER PARAMETRIC STUDY	4	4
AMMUNITION CONTAINER STUDY	4	42 23
AMPHIBIOUS AND RESUPPLY CONTAINER REQUIREMENTS TO SUPPORT MARINE CORPS DEPLO	15	42
AMPHIBIOUS ASSAULT LANDING CRAFT PROGRAM	24	27
AMPHIBIOUS ASSAULT PACKAGING PROGRAM	24	25 42
AMPHIBIOUS CONTAINERIZATION	42	19
AMPHIBIOUS LIGHTER (60 TON, HYDROFOIL, WHEELED)	11	
AMPHIBIOUS LOGISTICS	38	
AMPHIBIOUS RESUPPLY	37	

AN ANALYSIS OF AMPHIBIOUS CARGO BARGE SYSTEMS
24

ANALYSIS OF A FORCE DEPLOYMENT VIA BARGE CARRYING SHIPS (AFD-BS)
42 12

ANALYSIS OF A FORCE DEPLOYMENT VIA SHIPPING - 1976 TIME PERIOD (AFD)
12 42

ANALYSIS OF CONTAINERIZATION IN OVER-THE-BEACH OPERATIONS
33

ANNOTATED BIBLIOGRAPHY OF SELECTED CONTAINERIZATION STUDIES/PAPERS
7

ANNOTATED DIRECTORY OF DEFENSE ORIENTED CONTAINERIZATION PROJECTS AND COGN
26 25

APPLICATION CRITERIA FOR CONTAINERIZATION IN NAVAL LOGISTIC OPERATIONS
15

ARAPAHO CONCEPT
21 42

ARMY IN THE FIELD CONTAINER SYSTEM STUDY
42 6 6 11 13 13

BARE BASE DEVELOPMENT PROGRAM
42

C-5 OPERATIONAL CONCEPTS
9

CAPFORCE - NATO
43 18

CARRIER CONTAINERIZATION CONCEPT STUDY
21 20 35 43

COMMITTEE OF AMERICAN NATIONAL STANDARD FOR CARGO CONTAINERS
34

COMMUNICATIONS TECHNOLOGICAL FORECAST
25

COMPARATIVE ANALYSIS OF FOUR BREAKWATERS FOR AN EXPEDITIONARY LOGISTICS FA
22 43

CONCEPTUAL STUDY OF MILITARY OCEAN TERMINALS, BAY AREA AND BAYONNE
36 43 8 9

CONEX SYSTEM DESIGN AND DEVELOPMENT
33

CONSOLIDATION OF CONTAINERIZABLE CARGO
12 43

CONTAINER - MHE TRADEOFF ANALYSIS
35 43 10

CONTAINER CONTENTS IDENTIFICATION SYSTEM
10 10 43

CONTAINER HANDLING EQUIPMENT FOR ADVANCED BASES
43 22

CONTAINER MATERIALS STUDY
43 7

CONTAINER PROTOTYPE CHARACTERISTICS AND QUALIFICATION CRITERIA STUDY
10 35 43

ONTAINER REQUIREMENTS AND SHIPPING FREQUENCY UNDER THE DIRECT SUPPLY SUPPORT
 44 13

ONTAINER STANDAPDIZATION
 32

ONTAINER STUFFING FACILITY
 9

ONTAINER TEST LOADINGS ABOARD USAF AIRCRAFT
 3

ONTAINER UNDERWAY REPLENISHMENT FEASIBILITY STUDY
 28 32 44

ONTAINER UTILIZATION BENEFIT ANALYSIS
 44 35 28

ONTAINERIZATION BIBLIOGRAPHY
 12

ONTAINERIZATION ENGINEERING EVALUATION, CONUS WATER TERMINAL-MARSHALLING
 8 44

ONTAINERIZATION IN AMPHIBIOUS ASSAULT
 44 19

ONTAINERIZATION LESSONS OF THE VIETNAM ERA
 18 33

ONTAINERIZATION OF AERONAUTICAL FUNCTIONS FOR THE SCSS PROGRAM
 20 44

ONTAINERIZATION OF DEFENSE CARGO, WORLD WIDE
 33

ONTAINERIZATION OF GROUND SUPPORT EQUIPMENT SYSTEMS
 33

ONTAINERIZATION OF NAVAL AVIATION MATERIAL SUPPORT ACTIVITIES
 33

ONTAINERIZATION REQUIREMENTS FOR THE FLEET MARINE FORCES (1973-1982)
 15

ONTAINERIZATION, UNITIATION AND OPTIMAL METHODS OF CARGO DISTRIBUTION MODE
 33

ONTAINERIZED AMMUNITION DISTRIBUTION SYSTEM (CADS)
 32 9 8 7 44

ONTAINERIZED AMMUNITION LIFT
 44 25 27

ONTAINERIZED ARMY BEACH DISCHARGE LIGHTER FEASIBILITY STUDY
 27 45

ONTAINERIZED CARGO DISTRIBUTION VISIBILITY OVERSEAS
 33

ONTAINERIZED NAVAL AVIATION MATERIAL SUPPORT
 33

ONTAINERIZED ORDNANCE
 24 23 21 23 23 28 45

ONTAINERIZED SHIPMENT FOR OVERSEAS PERISHABLE SUBSISTENCE SUPPORT
 45 29

ONTAINERIZED/MODULARIZED MAINTENANCE SUPPORT OF AIRCRAFT ABOARD NAVAL SHIPS
 20 45

CONTAINERSHIP DESIGN
31

CONTAINERSHIP UNDERWAY REPLENISHMENT
34 24 37

CONTAINERSHIP UNDERWAY REPLENISHMENT STUDY
32

CURRENT SURFACE CARGO FLOWS, CONTAINER ELIGIBLE AND NON-ELIGIBLE COMMODITY
35 45

CYBERNETIC ANTHROPOMORPHIC MACHINE
45 10

DATA ENTRY AND RETRIEVAL RESEARCH
25

DECISION GUIDELINES FOR UNITIZATION VERSUS LOOSE STOW IN CONTAINERS
12 45

DEFENSE CONTAINERIZATION (MILVAN) PROGRAM DESIGN, TEST, AND EVALUATION
33

DEPARTMENT OF DEFENSE AMMUNITION TEST SHIPMENT IN SEA-LAND CONTAINERS
45 12

DEPOT/PORT CONTAINER AND MATERIAL HANDLING EQUIPMENT
10

DESIGN ANALYSIS AND TRADE-OFF STUDIES OF A LIGHTERAGE SYSTEM
11 45 35

DEVELOPMENT OF MATERIALS HANDLING CONCEPT FOR NAVAL ADVANCED BASE PORTS
22 46

DEVELOPMENT OF PLYWOOD INSERT CONTAINERS FOR CONEX
46 14

DOD CONTAINER-SUPPORTED DISTRIBUTION SYSTEMS DEVELOPMENT
1

ECONOMIC ANALYSIS OF UNITIZED CARGO SYSTEMS
31

EFFECT OF CONTAINER USAGE ON FUTURE SHIP DESIGN
28 46

EFFECTIVENESS OF CONTAINERIZATION IN HANDLING MILITARY CARGO
46 31

ENVIRONMENTAL ANALYSIS FOR PORTABLE PORTS
22 46

FIELD MATERIALS HANDLING EQUIPMENT FAMILY STUDY
46 9 13 6

FLEET REPLENISHMENT STUDY
17 46 19 24

FLOATING CONTAINER CONCEPT
11

FREIGHT TRANSPORT IN URBAN AREAS.. ISSUES FOR RESEARCH AND ACTION (1970)
37

HANDLING OF MILVANS IN DEPOT OPERATIONS
14 46

HATCH RIG FOR EXTRICATION OF CONTAINERS DURING LOTS OPERATION
11

HELICOPTER TOWED AIR CUSHION BARGE TRAIN
 11

IMPACT OF CONTAINERIZATION ON FUTURE NAVY SHIP DESIGN
 36

IMPACT OF CONTAINERIZATION ON FUTURE SHIP DESIGN
 24 37 27

IMPACT OF CONTAINERIZATION ON STRATEGIC PLANNING
 12 46

IMPACT OF CONTAINERIZATION ON THE ADVANCED LANDING CRAFT
 47 22

INFORMATION PROCESSING TECHNOLOGICAL FORECAST
 25

INTEGRATED SEA-LIFT STUDY
 37 47

INTEGRATED SUPPLY DISTRIBUTION AND MATERIALS HANDLING SYSTEM
 47 7

INTERGOVERNMENTAL MARITIME CONSULTATIVE ORGANIZATION (UN)
 18

INTERMODAL CONTAINER CONCEPTS
 8 47

INTERMODAL MODULAR CONTAINER CONCEPT
 52

INTERMODAL MODULAR CONTAINER DEVELOPMENT PROJECT
 50 47 47 3 19 34 34 34 19 25 22

JOINT STRATEGIC OBJECTIVES PLAN (MOBILITY FORCES)
 18 47

JOINT TECHNICAL COORDINATING GROUP FOR CONTAINERIZATION
 47 4

JTCG/CONTAINERIZATION
 4 16 3 47 20 27 22

LAND-AIR-LAND CONTAINER TASK GROUP
 47 3 2 3 2 16

LAND-AIR-LAND CONTAINER WORKING GROUP
 3 5

LAND-AIR-LAND CONTAINER-SUPPORTED DISTRIBUTION SYSTEMS DEVELOPMENT TASK GROUP
 6

LOGISTIC SUPPORT IN THE VIETNAM ERA. MONOGRAPH 7 - CONTAINERIZATION
 1 48 33

LOGISTICS MANAGEMENT TECHNOLOGICAL FORECAST
 25

LOGISTICS OVER THE SHORE
 48

LOGISTICS SUPPORT ASHORE FOR SUSTAINED OPERATIONS (1980-1990)
 47 38 15

LOGISTICS SYSTEMS POLICY COMMITTEE STEERING GROUP FOR CONTAINERIZATION
 2 1 18 6 29

LOGLIFT-II
 34 9

LOTS 55
 LOTS PROJECT 48 11
 LST AS A CONTAINER HANDLING SHIP FOR NAVY RESUPPLY FEASIBILITY STUDY 48 27
 MAC LAND-AIR-LAND CONTAINER WORKING GROUP 5
 MAINTENANCE SUPPORT PACKS 20 48
 MANAGEMENT AND CONTROL SYSTEMS FOR DEFENSE CONTAINERIZATION 33
 MATERIAL HANDLING AT NAVAL ADVANCED BASE PORTS 26 26 48
 MATERIALS HANDLING CONCEPT FOR OFF-LOADING CONTAINER SHIPS IN FORWARD OR RE 48 22
 MATERIALS HANDLING SYSTEMS FOR CONTAINERS 33
 MATERIALS HANDLING TECHNOLOGICAL FORECAST 25
 MATHEMATICAL DEFINITION OF AN OPTIMUM FUTURE ARMY PHYSICAL SUPPLY DISTRIBUTION 48 11
 MECHANIZED/AUTOMATED STOCK HANDLING IN THE 1990 FIELD AND THEATER ARMIES 14 49
 MERCHANT SHIP IN UNDERWAY REPLENISHMENT ROLE STUDY 24
 MERCHANT SHIP REQUIREMENTS AND MARITIME STUDY 49 17 19
 MERCHANT SHIPS IN NATIONAL DEFENSE MISSIONS (1971) 18
 MILVAN PILOT OPERATION EVALUATION (INTRODUCTION PHASE) 7 49 33
 MILVAN PILOT OPERATIONS... BASIC ELEMENTS OF INFORMATION 33 49 7
 MILVAN PROJECT 7 49
 MILVANS FOR INTERIM SEA CONTROL SHIP 49 20
 MOBILE/PORTABLE PORTS 1990 13 14 49
 MOBILITY SUPPORT FORCES PROGRAM 49
 MODULAR ARMY CONTAINER SYSTEMS 49 10
 MODULAR AVIATION PACKAGE CONCEPT DEVELOPMENT 21
 MODULAR/INTERMODAL CONTAINER PARAMETRIC STUDY 4 4 4 50 34

MOORING SYSTEM CONCEPTS FOR EXPEDITIONARY LOGISTICS FACILITY OPERATIONS
 50 22

MOORING SYSTEMS FOR AN EXPEDITIONARY LOGISTIC FACILITY
 22 50

MOTION MITIGATING DEVICE
 50 24

MOTION OF FREELY SUSPENDED LOADS DUE TO HORIZONTAL SHIP MOTION IN RANDOM HEA
 50 22

MULTI-PURPOSE SHIP
 20 50

NATIONAL DEFENSE FEATURES IN NEW CONSTRUCTION OF MERCHANT SHIPS
 18

NAVAL SHIP UNDERWAY REPLENISHMENT CONTAINERIZATION
 50 37 28

NAVAL SHIP UNDERWAY REPLENISHMENT FEASIBILITY STUDY
 28

NAVY/MARINE CORPS AIRCRAFT SUPPORT VANS
 21

NEW DIMENSIONS IN SEALIFT: THE LOGISTICIANS CHALLENGE IN THE 1970S
 12 50

OFFSHORE DELIVERY OF CARGO
 34

OFFSHORE DISCHARGE OF CONTAINERSHIP
 50 12

OSDOC-I
 23 22 9 18 6 50 27 27 24 34

OSDOC-II
 24 27 26 51 13 18 9 18 19

OWNERSHIP AND USE OF CONTAINERS FOR SURFACE TRANSPORTATION (DOD INSTRUCTION)
 1 51

PACKAGING AND PRESERVATION TECHNOLOGICAL FORECAST
 25

PACKAGING PROGRESS TOWARD A 21ST CENTURY LOGISTICS SYSTEM IN THE 70S
 51 3

PACKAGING PROJECT
 51 31

PACKING AND PALLETIZATION FOR CONTAINERIZATION APPLICATIONS
 51 14

PENDULATION OF FREELY SUSPENDED LOADS DUE TO SHIP OSCILLATION
 26

PLAN FOR TEST AND EVALUATION OF SHIP/HELICOPTER EXTENDED DELIVERY SYSTEM
 51

PLANNING BOARD FOR OCEAN SHIPPING (NATO)
 18

PORTABLE PORTS STUDY
 22 51

POST-1971 MATERIALS HANDLING STUDY
 51 4 35

POTENTIAL IMPACT OF CONTAINER SERVICES ON MILITARY SUPPLY PIPELINES
35

PRESENT STATUS OF CONTAINERIZATION IN WORLD PORTS
17

PROJECT ELF
22 27 51

PROPOSAL FOR ADVANCED DEVELOPMENT PROJECT ELF
51 22

PROPOSED TECHNICAL APPROACHES FOR PORTABLE PORTS
22 52

QUICK CAMP PROJECT
52 22

REEFER CONTAINERS
10

RELATIVE MOTIONS OF MILITARY FLOATING STRUCTURES IN SHOAL WATER
26

RESUPPLY IN PEACE AND WAR BY C-5 AIRLIFT AND BY CONTAINERSHIP
35 30 1 52

RESUPPLY OF AMPHIBIOUS FORCES OPERATING IN AN AMPHIBIOUS OBJECTIVE AREA
36

ROLE OF MERCHANT SHIPS IN WARTIME DEFENSE MISSION
52 18

ROUGH TERRAIN CONTAINER AND MATERIAL HANDLING EQUIPMENT
10

SEA BASED EXPEDITIONARY FORCES (1980)
17 52 35

SEABORNE MOBILE LOGISTICS SYSTEM
52 16 19 16

SEALIFT PROCUREMENT AND NATIONAL STRATEGY STUDY
18 52

SHIP-INDEXING TO CONTAINER OFFLOADING AT A NAVAL ADVANCED BASE
53 22

SHIP/HELICOPTER EXTENDED DELIVERY SYSTEM (OPERATION SHEDS)
25 20 52 36

SHIPBOARD CARGO ANTI-PENDULATION DEVICES AND TECHNIQUES
26

SHIPBOARD INFORMATION SYSTEM REPORT
32

SHIPBUILDING RESEARCH AND DEVELOPMENT PANEL
32

SHIPMENT IDENTIFICATION AND CONTAINERIZATION
8 53

SPIN MOLDED CONTAINERS
53 10

STORAGE STABILITY OF CIVIL DEFENSE SHELTER RATIONS
13 53 32

STRUCTURAL TESTS OF MILVAN
3

STUDY OF UNITIZATION SYSTEMS, POLICIES, AND TECHNIQUES (SUNSPOT)
 53
 SURFACE AND LAND-AIR-LAND CONTAINER SUPPORTED DISTRIBUTION SYSTEMS
 4
 SURFACE CONTAINER SYSTEMS MANAGEMENT - LOGISTICS SYSTEMS PLANNING COMMITTEE
 1 53
 SURFACE CONTAINER-SUPPORTED DISTRIBUTION SYSTEMS DEVELOPMENT PROJECT
 53 16 15 2 6 7 6 29 32
 SYSTEMS ANALYSIS OF THE SEABORNE MOBILE LOGISTICS SYSTEMS CONCEPT, 1975-85
 38 15 53
 SYSTEMS OF MOBILE PIERS AND CAUSEWAYS FOR EXPEDITIONARY LOGISTICS FACILITIES
 53 22
 ACROSS
 22
 TECHNOLOGICAL FORECAST OF PACKAGING REQUIREMENTS
 25 53
 TEST OF CONTAINERIZED SHIPMENTS FOR AMMUNITION (TOCSA)
 54 8
 THE IMPACT OF THE CONTAINER EXPLOSION UPON THE TRANSPORTATION INDUSTRY
 54 30
 THE RELATIVE MOTION BETWEEN SHIPS IN RANDOM HEAD SEAS
 54 22
 THE ROLE AND MANAGEMENT OF CONTAINERIZATION IN LOGISTICS SUPPORT OF THE ARMY
 54 30
 THROUGH INTERMODAL CONTAINER SERVICE
 54 9
 TOCSA
 54 34
 TRANS-HYDRO
 54
 TRANSPORTABLE BREAKWATERS - A SURVEY OF CONCEPTS
 54 22
 TRANSPORTATION TERMINAL SIMULATION MODEL
 9
 U.S. ARMY CARGO CONTAINERIZATION REQUIREMENTS
 7 55 33
 U.S. ARMY TRANS-HYDRO CRAFT PROJECT
 48 55 11 10
 U.S. ARMY TRANS-HYDRO CRAFT STUDY
 9 24
 U.S. ARMY TRANS-HYDRO CRAFT 1975-1985 STUDY
 11 13 6 55
 UNDERWAY REPLENISHMENT
 36
 UNDERWAY REPLENISHMENT PACKAGING STUDY
 54 25 24
 UNIT DEPLOYMENT BY CONTAINER/CONTAINERSHIP STUDY
 6

UNITIZATION AND DEUNITIZATION IN PHYSICAL DISTRIBUTION SYSTEMS

14 54

USACDC TRANSPORTATION AGENCY CONTAINER COMMITTEE

11

UTILIZATION OF FLAT RACKS IN FORCE DEPLOYMENTS (UFR)

12 54

WAREHOUSING, TERMINALS, AND PORT FACILITIES TECHNOLOGICAL FORECAST

25

WHEELED AIR CUSHION LIGHTER (20 TON)

11

463L COMPATIBLE CONTAINER TEST PROGRAM

5

463L CONTAINER TEST PROGRAM

2 55

S E C T I O N V

NAME INDEX

NAME	PAGE NUMBER
ADAMS, JAMES R. (LTC	13
AGEE, F. H. (MR)	29
ALBRECHT, R. (MR)	20
ALT, GEORGE MR.	56
ANNIBALE, JOE	56
ARMSTRONG, A. S. MR.	56
ASKREN, R. R.	56
BABCOCK, D. CDR.	56
BAKER, W., DIR. R&D	56
BALCH, R. (CAPT)	17
BALTAZOR, HAROLD (MR	28
BELTEAU, R. J. (LTCD	6
BENEN, L. (MR)	24
BENNIT, RICHARD V.	34
BERGER, S.	35
BERNSTEIN, GEORGE B.	25
BETTS, MARTIN B.	36
BISTANY, P. J. MAJ.,	56
BLANCHFIELD, JAMES (	10
BLANDING, WARREN	56
BOMBERGER, JAMES SMS	56
BOOTH, S. L. (CDR)	18
BOWERS, HURST G. (CO	2
BREINING, CARL R., J	56
BROGAN, J. A. (MR)	20
BROWN, MEL MR.	56
BROWN, ORLIN R. (MR)	3
BURROWES, THOMAS, JR	57
BUSCHELMAN, WALTER M	21
CAMPBELL, E. K. MP.	57
CAPUTO, V.	1
CARINGI, LAWRENCE R.	27
CARL, ROBERT A. (MR)	17

CASEY, M. F. (MGEN)	2
CASSADAY, GEORGE C.	36
CHAPPELL, J. H. (COL)	6
CHERNOWITZ, GEORGE (	33
CHERRIX, CHARLES B.	31
CHILDERS, ART	57
CLARKE, R. C. (COL)	2
COHEN, R. H.	35
COLLINS, J. W. (COL)	2
CONNOR, (MR)	31
CONNOR, MR.	57
CORBETT, R., JR. (MR	38
CORNISH, GEORGE (MR)	29
COX, T. CHANDLER (MR	37
CRAMER, R. A. (COL)	7
CREDLE, JOSEPH	57
CZUL, EMIL (MR)	10
DAVIS, DUANE A.	26
DAVIS, R. W. (CDR)	17
DAVIS, RICHARD H. MR	57
DECOT, H. (MR)	23
DEGRAFFT, BILL (MR)	20
DEMPSEY, T. R. MR.	57
DEMPSTER, K. C. (MGE	29
DICHTER, SCOTT W.	31
DONOHUE, J. R. MR.	57
DORMAN, JAMES (LTC)	13
DUNCAN, JOHN MR. (M-	57
DWYER, WENDALL DR.	57
EDWARDS, JAMES R.	57
EGAN, LARRY P. LT.	57
EISENBEISS, ROBERT F	58
ELLIS, HARRY (MR)	10
EMBERGER, C. (MR)	25
ESSOGLOU, M. E. (MR)	22
EVENSON, MAX MR.	58

FLYNN, J. H. (MR)	15
FORMOSO, E. L. MR.	58
FRANKEL, E. G.	35
FRITZ, E. (MR)	31
FULLEM, D. (MAJ)	16
GARDNER, MR.	58
GARDNER, THOMAS P. (	4
GEHRKENS, G. PRES.	58
GLOGOWSKI, RICHARD M	5
GOELLER, BRUCE F.	37
GOOBECK, ANDREW R. (	58
GOTTSCHALK, ERIC (MR	58
GREINER, EDWIN (MR)	7
GRUENLER, ERIC (MAJ)	58
HALE, JOSEPH (CDR)	7
HANNA, SAM (CMSGT)	58
HARRIS, LEO (MR.)	58
HAWKINS, WILLIAM H.	1
HICKS, KILBURN (MR.)	58
HOLIDAY, GERALD R. (	16
HOWELL, R. L. (LCDR)	58
HUFFMAN, J. (LT.CMDR	59
HUMPHREY, H. C. (MR)	20
HURLEY, STEVE (MR)	59
HYNES, JAMES	26
ILL, CHARLES L. (HON	17
IMMER, JOHN R.	59
JOBIN, LOU (MR)	25
JOHNSON, BILL (MR.)	59
JOHNSTON, J. KEITH (	32
JONES, C. D. (MR.)	59
JONES, PAUL (MR.)	59
JUNKER, N. A. (MR)	24
KANE, DON (MR)	10
KARRH, BILLIE R. (MR	26
KELLER, CHARLES L. (	59

KINNEY, L. N. (MAJ)	9
KIRBY, J. G.	59
KNAELL, J. (MR)	10
KNIPPLE, J. (CAPT)	19
KOLLER, GENE (MR.)	59
KRAWZUN, JOHN (MR.)	59
KRAWZUN, JOHN (MR)	21
LAPIDUS, HERB	25
LAROCHE, ADRIAN J.	27
LECHUS, J.	35
LEDBETTER, R. L. (CD	59
LEEPER, JOHN H.	32
LEICHTMAN, E. S. (MR	22
LEONARD, HOWARD R. (	3
LEVINE, DAN	19
LOTT, L. J. (CAPT)	60
LYNN, GEORGE (MR)	19
MANIAR, N. (MR.)	60
MANSFIELD, TOM (MR.)	60
MARTIN, JOHN J. (MR)	11
MATT, MICHAEL (LT.)	60
MATTINGLY, CLAUDE (M	5
MAYER, J. (MR.)	60
MC PHERSON, A. H. (C	60
MCAFEE, M. K. (CAPT)	16
MCGUIRE, L. EDWARD	30
MCILWAIN, K. (LTCOL)	4
MC SHANE, BARNEY (MR)	38
MEAD, TED (CDR)	60
MEEHAN, JAMES L. (MR	21
MEIER, E. U. (LTCOL)	15
MESSERSCHMIDT, RUDY	10
MILLER, RICHARD S. (	28
MONDI, JOHN	25
MONTEITH, J. G. (MR)	25
MOORE, T. M. (CAPT)	60

MORISSEAU, KENNETH (	60
MULLER, FRED, JR.	60
MULQUIN, JAMES J. (M	21
MUNRO, DONALD G. (MR	34
NORTE (MAJOR)	60
OJI, SUKEO (MR)	9
OKE, G. (FLT LT, RAF	5
OKEEFE, ROBERT P.	6
OKONSKY, FRANK B. (L	15
OLIN, W. C. (CAPT, U	29
OLIVE, H. S. (COL)	2
ORTH, CLAIRE (MS)	10
OSGOOD, D. W. (MR)	13
PADDOCK, R. (CAPT)	17
PAGE, C.S. (CDR)	19
PARMENTER, W. H. (CO	6
PENENBURGH, H. C. (M	15
PEOPLES, P. L. (LTCD	2
PLEDGER, DONALD B. (	23
POOLE, GEORGE W. (MR	23
POTTER, DONALD H. (M	23
PREISMAN, R. M. (MR)	29
PURDY, WILLIAM T. (C	8
QUACKENBUSH (MR)	20
QUAST, T. (MR.)	60
RAMSEY, DAVID G. (CD	18
REKATE, H.	61
RICHARDS, D. H. (MGE	6
RODRICK, EUGENE (MR)	10
RYAN (MR.)	61
SAKSA, ROBERT E. (CO	8
SARGENT, JOHN (MR)	11
SAVIDGE, W. L.	61
SAVITSKY, D. (DR.)	61
SCALES, JOSEPH W. (M	61
SCHULER, JAMES L. (M	24

SCOTT, JAMES (MR.)	61
SEABOLD, RICHARD (MR	61
SELF, W. H. (CAPT)	18
SELLGREN, C. A. (LCD	28
SEY, JAMES (LTC)	2
SHARKEY, W. J. (MR.)	61
SHAWCROSS, W. H. (RA	18
SHIMEK, JOSEPH F. ,	3
SHINN, R. A. (CDR)	16
SIMLIK, W. F. (BGEN)	15
SIVAZLIAN, B. D. (MR	11
SMITH, J. G. (MR)	28
STEVENS, C. (MR)	27
STORA, F. X. (MR.)	61
STRYKER, R. F. (MR)	1
TAPP, J. G. (CAPT, U	19
TEELE, W. R. (MR)	21
TIPPETT, L.M. (MR)	20
TOWNE, RICHARD C. (M	61
TRAFFALIS, JAMES J.	26
TUDOR, WALTER J.	61
UHRICH, MARION H. (M	1
VARLEY, T. C. (DR)	28
VISCONTE, P. J. (MR)	9
VRUGTMAN, J. (MR)	13
WALTON, S. LYNN, JR.	62
WARREN, J. R. (MR)	8
WARRING, L. B. (CDR)	1
WAX, CHARLES M. (MR)	34
WEIGELE, R. J. (MR.)	62
WEINTRAUB, S. P. (MR	24
WHITAKER, B. (MSGT)	62
WILDER, H. B., JR. (	38
WILLEMSE, C. W. (LTC	11
WITTMAYER, A. P. (MR	4
WOLFE, MICHAEL J. (M	62

WREGHITT, KENNETH W.	34
ZIRKLE, J. C. (CAPT)	18
ZUBKOFF, M.	37
ZWIBEL, HARRY S. (DR	62
ZWOLINSKI, JOHN (MR)	10

S E C T I O N V I

I. CONTAINER SYSTEMS: THIS GROUP DESIGNATES STUDIES/REPORTS/DIRECTIVES WHICH ADDRESS LARGE SCALE CONTAINERIZATION SYSTEMS AND PROBLEMS.

A. GENERAL STRATEGIC CAPABILITIES.

PRESENT STATUS OF CONTAINERIZATION IN WORLD PORTS
 A CONCEPT FOR AN AUTOMATED CONTAINERIZED STRATEGIC STORAGE SITE
 ANALYSIS OF A FORCE DEPLOYMENT VIA BARGE CARRYING SHIPS (AFD-BS)
 ANALYSIS OF A FORCE DEPLOYMENT VIA SHIPPING - 1976 TIME PERIOD (AFD)
 C-5 OPERATIONAL CONCEPTS
 CAPFORCE - NATO
 CONTAINERIZATION LESSONS OF THE VIETNAM ERA
 CONTAINERIZATION OF DEFENSE CARGO, WORLD WIDE
 CONTAINERIZATION REQUIREMENTS FOR THE FLEET MARINE FORCES (1973-1982)
 CONTAINERIZED CARGO DISTRIBUTION VISIBILITY OVERSEAS
 DOD CONTAINER-SUPPORTED DISTRIBUTION SYSTEMS DEVELOPMENT
 IMPACT OF CONTAINERIZATION ON STRATEGIC PLANNING
 INTEGRATED SEA-LIFT STUDY
 INTEGRATED SUPPLY DISTRIBUTION AND MATERIALS HANDLING SYSTEM
 JOINT STRATEGIC OBJECTIVES PLAN (MOBILITY FORCES)
 LOGISTIC SUPPORT IN THE VIETNAM ERA. MONOGRAPH 7 - CONTAINERIZATION
 MANAGEMENT AND CONTROL SYSTEMS FOR DEFENSE CONTAINERIZATION
 MERCHANT SHIP REQUIREMENTS AND MARITIME STUDY
 MERCHANT SHIPS IN NATIONAL DEFENSE MISSIONS (1971)
 MOBILITY SUPPORT FORCES PROGRAM
 NATIONAL DEFENSE FEATURES IN NEW CONSTRUCTION OF MERCHANT SHIPS
 NEW DIMENSIONS IN SEALIFT: THE LOGISTICIANS CHALLENGE IN THE 1970S
 PLANNING BOARD FOR OCEAN SHIPPING (NATO)
 POTENTIAL IMPACT OF CONTAINER SERVICES ON MILITARY SUPPLY PIPELINES
 RESUPPLY IN PEACE AND WAR BY C-5 AIRLIFT AND BY CONTAINERSHIP
 ROLE OF MERCHANT SHIPS IN WARTIME DEFENSE MISSION
 SEA BASED EXPEDITIONARY FORCES (1980)
 SEABORNE MOBILE LOGISTICS SYSTEM
 SEALIFT PROCUREMENT AND NATIONAL STRATEGY STUDY
 SYSTEMS ANALYSIS OF THE SEABORNE MOBILE LOGISTICS SYSTEMS CONCEPT, 1975-85
 UNIT DEPLOYMENT BY CONTAINER/CONTAINERSHIP STUDY
 UTILIZATION OF FLAT RACKS IN FORCE DEPLOYMENTS (UFR)

B. AMPHIBIOUS LOGISTICS SYSTEMS.

A NEW LOGISTICS SYSTEM FOR AMPHIBIOUS SUPPORT OPERATIONS
 AN ANALYSIS OF AMPHIBIOUS CARGO BARGE SYSTEMS
 AMPHIBIOUS AND RESUPPLY CONTAINER REQUIREMENTS TO SUPPORT MARINE CORPS DEPLO
 AMPHIBIOUS ASSAULT LANDING CRAFT PROGRAM
 AMPHIBIOUS ASSAULT PACKAGING PROGRAM
 AMPHIBIOUS CONTAINERIZATION
 AMPHIBIOUS LOGISTICS
 AMPHIBIOUS RESUPPLY
 ANALYSIS OF CONTAINERIZATION IN OVER-THE-BEACH OPERATIONS
 CONTAINERIZATION IN AMPHIBIOUS ASSAULT
 CONTAINERIZED ARMY BEACH DISCHARGE LIGHTER FEASIBILITY STUDY
 LOGISTICS OVER THE SHORE
 LOGISTICS SUPPORT ASHORE FOR SUSTAINED OPERATIONS (1980-1990)
 LOTS
 LOTS PROJECT
 RESUPPLY OF AMPHIBIOUS FORCES OPERATING IN AN AMPHIBIOUS OBJECTIVE AREA
 U.S. ARMY TRANS-HYDRO CRAFT PROJECT

C. UNDERWAY REPLENISHMENT SYSTEMS.

APPLICATION CRITERIA FOR CONTAINERIZATION IN NAVAL LOGISTIC OPERATIONS
 CONTAINER UNDERWAY REPLENISHMENT FEASIBILITY STUDY
 CONTAINERSHIP UNDERWAY REPLENISHMENT
 CONTAINERSHIP UNDERWAY REPLENISHMENT STUDY
 FLEET REPLENISHMENT STUDY
 MERCHANT SHIP IN UNDERWAY REPLENISHMENT ROLE STUDY
 NAVAL SHIP UNDERWAY REPLENISHMENT CONTAINERIZATION
 NAVAL SHIP UNDERWAY REPLENISHMENT FEASIBILITY STUDY
 SYSTEMS ANALYSIS OF THE SEABORNE MOBILE LOGISTICS SYSTEMS CONCEPT, 1975-85
 UNDERWAY REPLENISHMENT
 UNDERWAY REPLENISHMENT PACKAGING STUDY

D. FIELD SUPPORT SYSTEMS.

ARMY IN THE FIELD CONTAINER SYSTEM STUDY
CONTAINER REQUIREMENTS AND SHIPPING FREQUENCY UNDER THE DIRECT SUPPLY SUPPORT
DOD CONTAINER-SUPPORTED DISTRIBUTION SYSTEMS DEVELOPMENT
FIELD MATERIALS HANDLING EQUIPMENT FAMILY STUDY
LOGISTICS SUPPORT ASHORE FOR SUSTAINED OPERATIONS (1980-1990)
LOGLIFT-II
MECHANIZED/AUTOMATED STOCK HANDLING IN THE 1990 FIELD AND THEATER ARMIES
SURFACE AND LAND-AIR-LAND CONTAINER SUPPORTED DISTRIBUTION SYSTEMS
SURFACE CONTAINER-SUPPORTED DISTRIBUTION SYSTEMS DEVELOPMENT PROJECT
THE ROLE AND MANAGEMENT OF CONTAINERIZATION IN LOGISTICS SUPPORT OF THE ARMY
U.S. ARMY CARGO CONTAINERIZATION REQUIREMENTS

E. CONTAINERIZED AMMUNITION DELIVERY SYSTEMS.

AMMUNITION CONTAINER STUDY
CONTAINERIZED AMMUNITION DISTRIBUTION SYSTEM (CADS)
CONTAINERIZED AMMUNITION LIFT
CONTAINERIZED ORDNANCE
DEPARTMENT OF DEFENSE AMMUNITION TEST SHIPMENT IN SEA-LAND CONTAINERS
TEST OF CONTAINERIZED SHIPMENTS FOR AMMUNITION (TOCSA)
TOCSA

F. BIBLIOGRAPHIES.

ANNOTATED DIRECTORY OF DEFENSE ORIENTED CONTAINERIZATION PROJECTS AND COGNATE
ANNOTATED BIBLIOGRAPHY OF SELECTED CONTAINERIZATION STUDIES/PAPERS
CONTAINERIZATION BIBLIOGRAPHY

G. CONTAINER SYSTEMS STUDIES (NOT OTHERWISE CLASSIFIED).

A DESCRIPTION OF MTMTS CONTAINER WEIGHTS
CONEX SYSTEM DESIGN AND DEVELOPMENT
CONSOLIDATION OF CONTAINERIZABLE CARGO
CONTAINER CONTENTS IDENTIFICATION SYSTEM
CONTAINER UTILIZATION BENEFIT ANALYSIS
CONTAINERIZATION, UNITIZATION AND OPTIMAL METHODS OF CARGO DISTRIBUTION MODELS
CONTAINERIZED SHIPMENT FOR OVERSEAS PERISHABLE SUBSISTENCE SUPPORT
CURRENT SURFACE CARGO FLOWS, CONTAINER ELIGIBLE AND NON-ELIGIBLE COMMODITIES
DEFENSE CONTAINERIZATION (MILVAN) PROGRAM DESIGN, TEST, AND EVALUATION
ECONOMIC ANALYSIS OF UNITIZED CARGO SYSTEMS
EFFECTIVENESS OF CONTAINERIZATION IN HANDLING MILITARY CARGO
INTERMODAL MODULAR CONTAINER DEVELOPMENT PROJECT
LOGISTICS MANAGEMENT TECHNOLOGICAL FORECAST
MATERIALS HANDLING SYSTEMS FOR CONTAINERS
MILVAN PILOT OPERATION EVALUATION (INTRODUCTION PHASE)
MILVAN PILOT OPERATIONS.. BASIC ELEMENTS OF INFORMATION
MILVAN PROJECT
MILVANS FOR INTERIM SEA CONTROL SHIP
MODULAR ARMY CONTAINER SYSTEMS
MODULAR/INTERMODAL CONTAINER PARAMETRIC STUDY
OWNERSHIP AND USE OF CONTAINERS FOR SURFACE TRANSPORTATION (DOD INSTRUCTION 1000.1)
SHIPMENT IDENTIFICATION AND CONTAINERIZATION
STUDY OF UNITIZATION SYSTEMS, POLICIES, AND TECHNIQUES (SUNSPOT)
THE IMPACT OF THE CONTAINER EXPLOSION UPON THE TRANSPORTATION INDUSTRY
THROUGH INTERMODAL CONTAINER SERVICE
UNITIZATION AND DEUNITIZATION IN PHYSICAL DISTRIBUTION SYSTEMS
UTILIZATION OF FLAT RACKS IN FORCE DEPLOYMENTS (UFR)

H. CONTAINER RELATED STUDIES (NOT OTHERWISE CLASSIFIED).

COMMUNICATIONS TECHNOLOGICAL FORECAST
DATA ENTRY AND RETRIEVAL RESEARCH
FREIGHT TRANSPORT IN URBAN AREAS.. ISSUES FOR RESEARCH AND ACTION (1970)
INFORMATION PROCESSING TECHNOLOGICAL FORECAST
SHIPBOARD INFORMATION SYSTEM REPORT
WAREHOUSING, TERMINALS, AND PORT FACILITIES TECHNOLOGICAL FORECAST

II. SPECIAL CONTAINER STUDIES: THIS GROUP INCLUDES ONLY THOSE STUDIES/REPORTS/DIRECTIVES WHICH ADDRESS SPECIFIC PROBLEMS OF SPECIALIZED AND/OR LIMITED SCOPE.

A. MATERIALS HANDLING

CONTAINER - MHE TRADEOFF ANALYSIS
CONTAINER STUFFING FACILITY
CYBERNETIC ANTHROPOMORPHIC MACHINE
DECISION GUIDELINES FOR UNITIZATION VERSUS LOOSE STOW IN CONTAINERS
DEPOT/PORT CONTAINER AND MATERIAL HANDLING EQUIPMENT
DEVELOPMENT OF MATERIALS HANDLING CONCEPT FOR NAVAL ADVANCED BASE PORTS
FIELD MATERIALS HANDLING EQUIPMENT FAMILY STUDY
MATERIALS HANDLING AT NAVAL ADVANCED BASE PORTS
MATERIALS HANDLING SYSTEMS FOR CONTAINERS
MATERIALS HANDLING TECHNOLOGICAL FORECAST
MECHANIZED/AUTOMATED STOCK HANDLING IN THE 1990 FIELD AND THEATER ARMIES
PACKING AND PALLETIZATION FOR CONTAINERIZATION APPLICATIONS
POST-1971 MATERIALS HANDLING STUDY
WAREHOUSING, TERMINALS, AND PORT FACILITIES TECHNOLOGICAL FORECAST

B. PACKAGING

A REPORT ON BASIC PRINCIPLES OF PACKAGING MGMT, DESIGN, AND CONTROL
AMPHIBIOUS ASSAULT PACKAGING PROGRAM
DEVELOPMENT OF PLYWOOD INSERT CONTAINERS FOR CONEX
PACKAGING AND PRESERVATION TECHNOLOGICAL FORECAST
PACKAGING PROGRESS TOWARD A 21ST CENTURY LOGISTICS SYSTEM IN THE 70S
PACKAGING PROJECT
STORAGE STABILITY OF CIVIL DEFENSE SHELTER RATIONS
TECHNOLOGICAL FORECAST OF PACKAGING REQUIREMENTS
UNDERWAY REPLENISHMENT PACKAGING STUDY

C. HANDLING AND TRANSPORT OF SINGLE CONTAINERS.

1. FIELD ENVIRONMENT.

MECHANIZED/AUTOMATED STOCK HANDLING IN THE 1990 FIELD AND THEATER ARMIES
PLAN FOR TEST AND EVALUATION OF SHIP/HELICOPTER EXTENDED DELIVERY SYSTEM
ROUGH TERRAIN CONTAINER AND MATERIAL HANDLING EQUIPMENT
SHIP/HELICOPTER EXTENDED DELIVERY SYSTEM (OPERATION SHEDS)

2. OVER-THE-SHOPE/UNDEVELOPED TERMINAL ENVIRONMENT.

ANALYSIS OF CONTAINERIZATION IN OVER-THE-BEACH OPERATIONS
COMPARATIVE ANALYSIS OF FOUR BREAKWATERS FOR AN EXPEDITIONARY LOGISTICS FACILITY
CONTAINER HANDLING EQUIPMENT FOR ADVANCED BASES
ENVIRONMENTAL ANALYSIS FOR PORTABLE PORTS
FLOATING CONTAINER CONCEPT
HATCH RIG FOR EXTRICATION OF CONTAINERS DURING LOTS OPERATION
HELICOPTER TOWED AIR CUSHION BARGE TRAIN
LOGISTICS OVER THE SHORE
TEST AS A CONTAINER HANDLING SHIP FOR NAVY RESUPPLY FEASIBILITY STUDY
MATERIALS HANDLING CONCEPT FOR OFF-LOADING CONTAINER SHIPS IN FORWARD OR REAR
MOBILE/PORTABLE PORTS 1990
MOORING SYSTEM CONCEPTS FOR EXPEDITIONARY LOGISTICS FACILITY OPERATIONS
MOORING SYSTEMS FOR AN EXPEDITIONARY LOGISTIC FACILITY
MOTION MITIGATING DEVICE
MOTION OF FREELY SUSPENDED LOADS DUE TO HORIZONTAL SHIP MOTION IN RANDOM HEAVY
OFFSHORE DELIVERY OF CARGO
OFFSHORE DISCHARGE OF CONTAINERSHIP
SDOC-I
SDOC-II
PLAN FOR TEST AND EVALUATION OF SHIP/HELICOPTER EXTENDED DELIVERY SYSTEM
PORTABLE PORTS STUDY
PROJECT ELF
PROPOSAL FOR ADVANCED DEVELOPMENT PROJECT ELF
PROPOSED TECHNICAL APPROACHES FOR PORTABLE PORTS
RELATIVE MOTIONS OF MILITARY FLOATING STRUCTURES IN SHOAL WATER
SHIP-INDEXING TO CONTAINER OFFLOADING AT A NAVAL ADVANCED BASE
SHIP/HELICOPTER EXTENDED DELIVERY SYSTEM (OPERATION SHEDS)
SHIPBOARD CARGO ANTI-PENDULATION DEVICES AND TECHNIQUES
SYSTEMS OF MOBILE PIERS AND CAUSEWAYS FOR EXPEDITIONARY LOGISTICS FACILITIES
TRANSPORTABLE BREAKWATERS - A SURVEY OF CONCEPTS

3. UNDERWAY REPLENISHMENT ENVIRONMENT.

FLOATING CONTAINER CONCEPT

LST AS A CONTAINER HANDLING SHIP FOR NAVY RESUPPLY FEASIBILITY STUDY
MOTION MITIGATING DEVICE
MOTION OF FREELY SUSPENDED LOADS DUE TO HORIZONTAL SHIP MOTION IN RANDOM HEADING
PENDULATION OF FREELY SUSPENDED LOADS DUE TO SHIP OSCILLATION
THE RELATIVE MOTION BETWEEN SHIPS IN RANDOM HEAD SEAS

4. DEVELOPED TERMINAL ENVIRONMENT.

A MODULAR CONTAINER SCHEDULING AND LOAD PLANNING SYSTEM FOR USE WITH THE CONCEPTUAL STUDY OF MILITARY OCEAN TERMINALS, BAY AREA AND BAYONNE
CONTAINERIZATION ENGINEERING EVALUATION, CONUS WATER TERMINAL-MARSHALLING
HANDLING OF MILVANS IN DEPOT OPERATIONS
MATERIALS HANDLING SYSTEMS FOR CONTAINERS
TRANSPORTATION TERMINAL SIMULATION MODEL
WAREHOUSING, TERMINALS, AND PORT FACILITIES TECHNOLOGICAL FORECAST

D. CONTAINER CARRIERS.

1. AIR.

AIR TRANSPORTABILITY APPROVAL FOR CONTAINERS
AIR TRANSPORTABILITY TESTS OF MILVANS AND DOW CONTAINERS
AIR TRANSPORTABLE CONTAINERS... DESIGN CRITERIA, TECHNICAL CHARACTERISTICS,
AIRLIFT CONTAINER PARAMETRIC STUDY
CONTAINER TEST LOADINGS ABOARD USAF AIRCRAFT
PLAN FOR TEST AND EVALUATION OF SHIP/HELICOPTER EXTENDED DELIVERY SYSTEM
SHIP/HELICOPTER EXTENDED DELIVERY SYSTEM (OPERATION SHEDS)
463L COMPATIBLE CONTAINER TEST PROGRAM
463L CONTAINER TEST PROGRAM

2. WATER.

ADMIRAL CALLAGHAN COST AND PERFORMANCE EVALUATION
CONTAINERSHIP DESIGN
DESIGN ANALYSIS AND TRADE-OFF STUDIES OF A LIGHTERAGE SYSTEM
EFFECT OF CONTAINER USAGE ON FUTURE SHIP DESIGN
IMPACT OF CONTAINERIZATION ON FUTURE NAVY SHIP DESIGN
IMPACT OF CONTAINERIZATION ON FUTURE SHIP DESIGN
MERCHANT SHIP REQUIREMENTS AND MARITIME STUDY
MULTI-PURPOSE SHIP
NATIONAL DEFENSE FEATURES IN NEW CONSTRUCTION OF MERCHANT SHIPS

3. AMPHIBIOUS.

AIR CUSHION BARGE, ELECTRIC DRIVE
AIR CUSHION HEAVY LIFT PONTON
AMPHIBIOUS ASSAULT LANDING CRAFT PROGRAM
AMPHIBIOUS LIGHTER (60 TON, HYDROFOIL, WHEELED)
CONTAINERIZED ARMY BEACH DISCHARGE LIGHTER FEASIBILITY STUDY
IMPACT OF CONTAINERIZATION ON THE ADVANCED LANDING CRAFT
TRANS-HYDRO
U.S. ARMY TRANS-HYDRO CRAFT PROJECT
U.S. ARMY TRANS-HYDRO CRAFT STUDY
U.S. ARMY TRANS-HYDRO CRAFT 1975-1985 STUDY
WHEELED AIR CUSHION LIGHTER (20 TON)

E. CONTAINER TECHNOLOGY

1. CONFIGURATION.

CONTAINER CONTENTS IDENTIFICATION SYSTEM
DEVELOPMENT OF PLYWOOD INSERT CONTAINERS FOR CONEX
LOADING CONTAINER CONCEPT
INTERMODAL CONTAINER CONCEPTS
INTERMODAL MODULAR CONTAINER CONCEPT
INTERMODAL MODULAR CONTAINER DEVELOPMENT PROJECT
MODULAR ARMY CONTAINER SYSTEMS
MODULAR/INTERMODAL CONTAINER PARAMETRIC STUDY
REEFER CONTAINERS

2. CONSTRUCTION/COMPOSITION.

CRITICAL ANALYSIS OF THE STATE-OF-THE-ART IN CONTAINERIZATION
CONTAINER MATERIALS STUDY
CONTAINER PROTOTYPE CHARACTERISTICS AND QUALIFICATION CRITERIA STUDY
PIN MOLDED CONTAINERS
STRUCTURAL TESTS OF MILVAN

F. FACILITY/SHELTER CONTAINERS.

ADVANCED BASE FACILITY CONTAINER PROGRAM
RAPAHO CONCEPT
ADVANCED BASE DEVELOPMENT PROGRAM
ARRIER CONTAINERIZATION CONCEPT STUDY
CONTAINERIZATION OF AERONAUTICAL FUNCTIONS FOR THE SCSS PROGRAM
CONTAINERIZATION OF GROUND SUPPORT EQUIPMENT SYSTEMS
CONTAINERIZATION OF NAVAL AVIATION MATERIAL SUPPORT ACTIVITIES
CONTAINERIZED NAVAL AVIATION MATERIAL SUPPORT
CONTAINERIZED/MODULARIZED MAINTENANCE SUPPORT OF AIRCRAFT ABOARD NAVAL SHIPS
MAINTENANCE SUPPORT PACKS
MILVANS FOR INTERIM SEA CONTROL SHIP
MODULAR AVIATION PACKAGE CONCEPT DEVELOPMENT
NAVY/MARINE CORPS AIRCRAFT SUPPORT VANS
JACK CAMP PROJECT
ACROSS

III. PROJECT OFFICES/PANELS/COMMITTEES.

COMMITTEE OF AMERICAN NATIONAL STANDARD FOR CARGO CONTAINERS
CONTAINER STANDARDIZATION
INTERGOVERNMENTAL MARITIME CONSULTATIVE ORGANIZATION (IMCO)
JOINT TECHNICAL COORDINATING GROUP FOR CONTAINERIZATION
ITCG/CONTAINERIZATION
LAND-AIR-LAND CONTAINER TASK GROUP
LAND-AIR-LAND CONTAINER WORKING GROUP
LAND-AIR-LAND CONTAINER-SUPPORTED DISTRIBUTION SYSTEMS DEVELOPMENT TASK GROUP
LOGISTICS SYSTEMS POLICY COMMITTEE STEERING GROUP FOR CONTAINERIZATION
LAND-AIR-LAND CONTAINER WORKING GROUP
SHIPBUILDING RESEARCH AND DEVELOPMENT PANEL
SURFACE CONTAINER SYSTEMS MANAGEMENT - LOGISTICS SYSTEMS PLANNING COMMITTEE
SACDC TRANSPORTATION AGENCY CONTAINER COMMITTEE

INITIAL DISTRIBUTION LIST

	No. Copies
Defense Documentation Center (DDC) Cameron Station Alexandria, Virginia 22314	12
Library, Code 0212 Naval Postgraduate School Monterey, California 93940	2
Dean of Research Code 023 Naval Postgraduate School Monterey, California 93940	2
Library, Code 55 Department of Operations Research and Administrative Sciences Naval Postgraduate School Monterey, California 93940	3
Commander Research and Development Branch Naval Supply Systems Command Washington, D. C.	1
Dr. James P. Hynes Department of Operations Research and Administrative Sciences Naval Postgraduate School Monterey, California 93940	20

DOCUMENT CONTROL DATA - R & D

(Security classification of title, body of abstract and indexing annotation must be entered when the overall report is classified)

1. ORIGINATING ACTIVITY (Corporate author) Naval Postgraduate School Monterey, California 93940		2a. REPORT SECURITY CLASSIFICATION Unclassified	
		2b. GROUP	
3. REPORT TITLE Precursory Defense Containerization Projects Directory			
4. DESCRIPTIVE NOTES (Type of report and, inclusive dates) Technical Report 1972			
5. AUTHOR(S) (First name, middle initial, last name) James P. Hynes			
6. REPORT DATE November 1972		7a. TOTAL NO. OF PAGES 98	7b. NO. OF REFS 218
8a. CONTRACT OR GRANT NO. b. PROJECT NO c. Work Request 1-5058 d.		9a. ORIGINATOR'S REPORT NUMBER(S) NPS55HJ72111A	
		9b. OTHER REPORT NO(S) (Any other numbers that may be assigned this report)	
10. DISTRIBUTION STATEMENT Approved for public release; distribution unlimited.			
11. SUPPLEMENTARY NOTES		12. SPONSORING MILITARY ACTIVITY	

13. ABSTRACT Containerized cargo movements on land, sea, and air are having significant impacts on the logistical plans and programs of DoD and private industry. This project provides up-to-date information on certain projects and personnel related to DoD containerization interests. The directory is also designed to cross-reference projects, personnel, and activities. It is intended to aid in identifying common areas of interest, pin-point sources of information, and promote the coordination of containerization activities.

14

KEY WORDS

LINK A

LINK B

LINK C

ROLE

WT

ROLE

WT

ROLE

WT

Containerization
Sealift
Materials handling
Containerships
Distribution systems
Logistics
Transportation
Palletization
Unitization
Mobility

U151351

DUDLEY KNOX LIBRARY - RESEARCH REPORTS



5 6853 01065382 7

01513